

# Recombinant Monkeypox Virus DNA-directed RNA polymerase 7 kDa subunit

**Cat. No.** MPXV-0447    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Monkeypox Virus DNA-directed RNA polymerase 7 kDa subunit full length or partial length was expressed.               |
| <b>Species</b>          | VACV                                                                                                                             |
| <b>Source</b>           | Mammalian Cells                                                                                                                  |
| <b>ProteinLength</b>    | 63                                                                                                                               |
| <b>Description</b>      | temporal expression: early                                                                                                       |
| <b>Form</b>             | Liquid or lyophilized powder                                                                                                     |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                  |
| <b>Purity</b>           | >80%                                                                                                                             |
| <b>Notes</b>            | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |
| <b>Storage</b>          | Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.                                              |
| <b>Storage Buffer</b>   | PBS buffer                                                                                                                       |

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| <b>Protein Names</b>    | DNA-directed RNA polymerase 7 kDa subunit (EC 2.7.7.6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Complete Genome</b>  | <a href="#">NC_006998.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>        | <a href="#">VACV_BRZ_SERRO2_081</a> <a href="#">G5.5R</a> <a href="#">RPO7</a> <a href="#">VACV_CTGV_ALEH2_083</a><br><a href="#">VACV_CTGV_CG04_083</a> <a href="#">VACV_CTGV_MI233-083</a> <a href="#">VACV_CTGV_VI04_83</a><br><a href="#">VACV_VK01_RKI-110</a> <a href="#">VACV_VK02_RKI-087</a> <a href="#">VACV_VK08_RKI-103</a><br><a href="#">VACV_VK12_RKI-116</a> <a href="#">44.1rMVA_070</a> <a href="#">44/47.1_rMVA_076</a> <a href="#">47.1rMVA_075</a><br><a href="#">51.1rMVA_096</a> <a href="#">51.2rMVA_081</a> <a href="#">IKMOJFFE_00071</a> <a href="#">List079</a> <a href="#">LIVPclone14_091</a> <a href="#">m8099R</a><br><a href="#">mO099R</a> <a href="#">synVACV_094</a> <a href="#">VAC_DPP10_094</a> <a href="#">VAC_DPP11_094</a> <a href="#">VAC_DPP12_094</a><br><a href="#">VAC_DPP13_094</a> <a href="#">VAC_DPP15_094</a> <a href="#">VAC_DPP16_094</a> <a href="#">VAC_DPP17_094</a><br><a href="#">VAC_DPP19_094</a> <a href="#">VAC_DPP20_094</a> <a href="#">VAC_DPP21_094</a> <a href="#">VAC_DPP25_094</a><br><a href="#">VAC_DPP9_094</a> <a href="#">VAC_IHDW1_085</a> <a href="#">VAC_TKT3_073</a> <a href="#">VAC_TKT4_073</a> <a href="#">VAC_TP3_088</a><br><a href="#">VAC_TP5_088</a> <a href="#">VACAC2_094</a> <a href="#">VACCL3_094</a> <a href="#">VACli_094</a> <a href="#">VACV-DUKE-091</a> <a href="#">VACV_079</a><br><a href="#">VACV_CTGV_CM01_083</a> <a href="#">VACV_IOC_B141_109</a> <a href="#">VACV_IOC_B388_109</a><br><a href="#">VACV_TT10_101.5</a> <a href="#">VACV_TT11_101.5</a> <a href="#">VACV_TT12_101.5</a> <a href="#">VACV_TT8_101.5</a><br><a href="#">VACV_TT9_101.5</a> <a href="#">Vv.00g000710</a> |
| <b>Official Symbol</b>  | <a href="#">G5.5R</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>          | <a href="#">3707539</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | <a href="#">NC_006998.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>   | <a href="#">YP_232965.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | <a href="#">Q49QI2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |