

## Recombinant Vaccinia Virus B19R, His tagged

**Cat. No.** B18R-276V    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Vaccinia Virus B19R (P25213) (Met1-Glu351), fused with a C-terminal polyhistidine tag, was produced in Baculovirus-Insect cells.                                                                                        |
| <b>Species</b>              | VACV                                                                                                                                                                                                                                |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                                                        |
| <b>ProteinLength</b>        | 1-351 a.a.                                                                                                                                                                                                                          |
| <b>Predicted N Terminal</b> | His 20                                                                                                                                                                                                                              |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                                                     |
| <b>Molecular Mass</b>       | The secreted recombinant B18R consists of 342 amino acids and predicts a molecular mass of 39.8 KDa. The apparent molecular mass of the protein is approximately 46 KDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                     |
| <b>Purity</b>               | >90 % as determined by SDS-PAGE                                                                                                                                                                                                     |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                           |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                                                |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** B19R?temporal expression: early [?Vaccinia virus?]

**Official Symbol** B19R

**Gene ID** 3707577

**Protein Refseq** YP\_233082

**UniProt ID** SAVZWR

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