

# Recombinant Monkeypox virus C18L Protein, His-tagged

**Cat. No.** C18L-225M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Monkeypox virus C18L Protein with His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | MPX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa , multiplies in lymphocytes, and incurs into blood producing transient venereal toxemia. after the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body, causing lesions. |
| <b>Molecular Mass</b>   | ~70 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | HMLNRIQTLMKTANNYETIEILRNYLRLYIILARNEEGRGILIYDDNIDSVMSMMNITILE<br>VIGLTHCTKLRSSPPIPMSRLFMDEIDHESYYSPKTSYYPLIDIIRKRSHEQGDIALALE<br>RYGIENTDSISEINEWLSSKGLACYRFVKFNDYRKQQMYRKFSRYTIVDSMIIGHIGH<br>HYIWIKNLETYTRPEIDVLPFDIKCISRDELWARISSSLDQTHIKTIAVSVYGAITDNGPI<br>PYMISTYPGNTFVNFNSVKDLILDFLDWIKDIMTSTRTIILVGYSNLFDIPLLTVYWPN<br>NCGWKIYNNTLISSDGARVIWMDAYKFSCGLSLQDYCYHWGSKPESRPFDLIKKSD<br>AKRNTKSLVKESMASLKSLEYAFETQSGALEVLMSPCRMFSFSRIEDMFLTSVINRV<br>SENTGMGMYPTNDIPSLFIESSICLDYIIVNNQESNKYRIKSVLDIISSKQYPAGRPNY          |

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VKNGTKGKLYIALCKVTVPNTNDHIPVVYHDDDNTTTFITVLTSVDIETAIRAGYSIVELG  
ALQWDDNIPELKDCLLDSIKIYDLNAVTTNNLLEQLIENINFNNSSIISLFYTFAISYCRA  
FIYSIMETIDPVYISQFSYKELYVSSSYKDINESMSQMVKLE

**Purity**

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

**Notes**

For research use only, not for use in diagnostic procedure.

**Storage**

Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

**Storage Buffer**

PBS, 4M Urea, pH7.4

## GENE INFORMATION

**Official Symbol**

C18L

**Synonyms**

C18L

**UniProt ID**

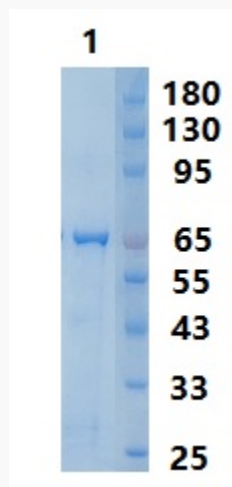
[Q3I8X2](#)

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SDS-PAGE



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