

Recombinant strain Musoke-80 VP35 Protein Product Manual

1. Product Basic Information

Product No.: REP08638

Protein Name: Polymerase Complex Protein (VP35)

Aliases: polymerase complex protein

UniProt ID: Q91DE0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q91DE0/entry>

Species Source: Lake Victoria marburgvirus (strain Musoke-80) (MARV) (Marburg virus (strain Kenya/Musoke/1980))

Expression System: E.coli

Protein Length: Full Length (1-329aa)

Molecular Weight: 40.2 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-329aa)

MWDSSYMQQVSEGLMTGKVPIDQVFGANPLEKLYKRRKPKGTVGLQCSPCLMSK
ATSTDDIWDQLIVKRTLADLLIPINRQISDIQSTLSEVTTRVHEIERQLHEITPVLKMGR
TLEAISKGMSEMLAKYDHLVISTGRTTAPAAAFDAYLNEHGVPPPQPAIFKDLGVAQ
QACSKGTMVKNATTTAADKMSKVLELSEETFSKPNLSAKDLALLLFTHLPGNNTPF
HILAQVLSKIAYKSGKSGAFLDAFHQILSEGENAQAALTRLSTFD AFLGVVPPVIRV
KNFQTVPRPSQKSLRAVPPNPTIDKGWVCVYSSEQGETRALKI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain Musoke-80 VP35 full length protein (1-329aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. VP35, also known as polymerase complex protein, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.