

Datasheet for ABIN7454315
MPXV M1R (AA 2-183) protein (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MPXV M1R
Protein Characteristics:	AA 2-183
Origin:	Mpox Virus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Monkeypox virus M1R Protein
Sequence:	Gly2-Gly183
Characteristics:	Recombinant Monkeypox virus M1R Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly2-Gly183.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MPXV M1R
Background:	Monkeypox virus (MPXV) is double-stranded DNA virus belonging to the genus orthopoxvirus

Target Details

that causes a smallpox-like disease in humans.

Molecular Weight: 20.41 kDa. Due to glycosylation, the protein migrates to 23-38 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months