

Monkeypox virus L1R Protein

Cat. No. L1R-VE11R



Description

Source	Recombinant Monkeypox virus L1R Protein is expressed from E.coli with His tag at the N-Terminus. It contains Met1-Lys152.
Accession	QJQ40228.1
Molecular Weight	The protein has a predicted MW of 18.89 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

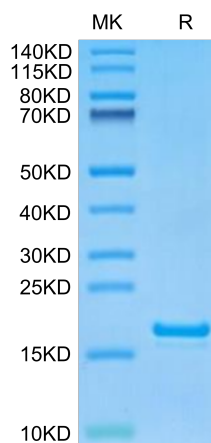
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

L1R, a myristylated late gene product of vaccinia virus, is essential for formation of infectious intracellular mature virions (IMV). In its absence, only viral particles arrested at an immature stage are detected and no infectious progeny virus is produced.

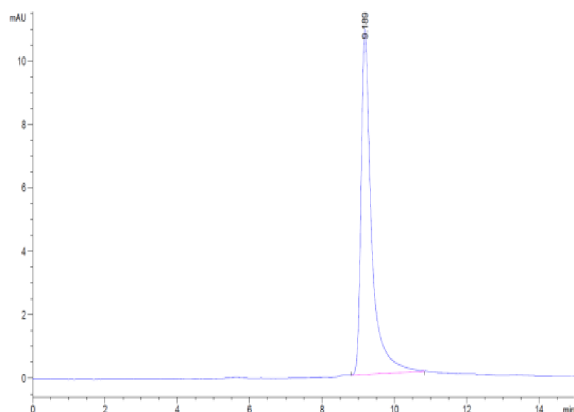
Assay Data

Bis-Tris PAGE



Monkeypox virus L1R on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Monkeypox virus L1R is greater than 95% as determined by SEC-HPLC.