

Monkeypox virus L1R Protein



Cat. No. L1R-VE11R

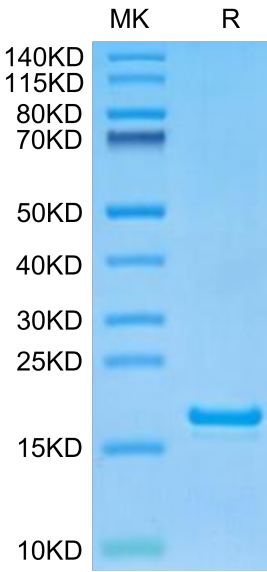
Description	
Source	Recombinant Monkeypox virus L1R Protein is expressed from E.coli with His tag at the N-Terminus. It contains Met1-Lys152.
Accession	QJQ40228.1
Molecular Weight	The protein has a predicted MW of 18.89 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
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	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
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%.

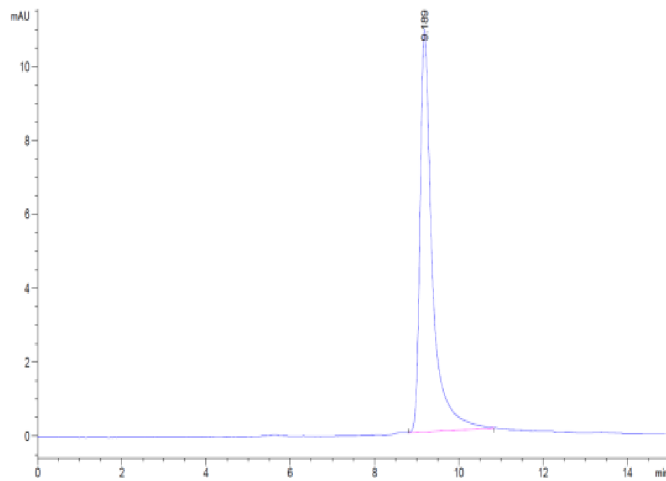
SEC-HPLC

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### Assay Data



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