

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	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. 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.

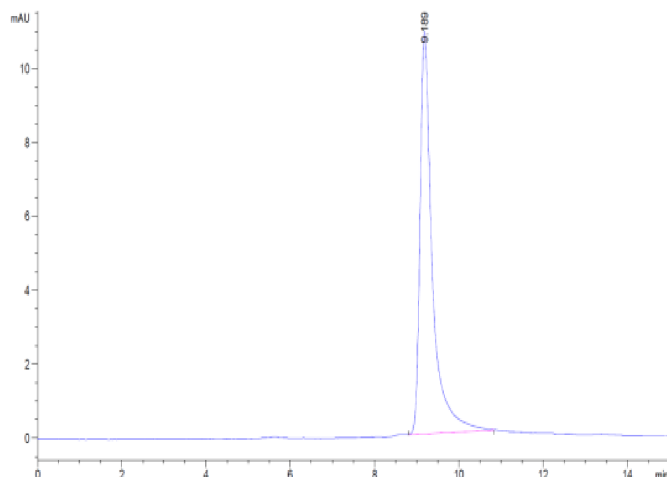
Assay Data

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.