

Datasheet for ABIN7275112  
**L1R (AA 1-152) protein (His tag)**



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2 Images

### Overview

Quantity:	100 µg
Target:	L1R
Protein Characteristics:	AA 1-152
Origin:	Mpox Virus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

### Product Details

Purpose:	Monkeypox virus L1R Protein
Sequence:	Met1-Lys152
Characteristics:	Recombinant Monkeypox virus L1R Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Lys152.
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:	L1R
Background:	L1R, a myristylated late gene product of vaccinia virus, is essential for formation of infectious

## Target Details

intracellular mature virions (IMV). In its absence, only viral particles arrested at an immature stage are detected and no infectious progeny virus is produced.

Molecular Weight: 18.89 kDa same as 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.

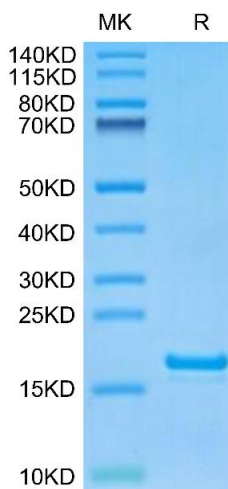
Buffer: Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

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.

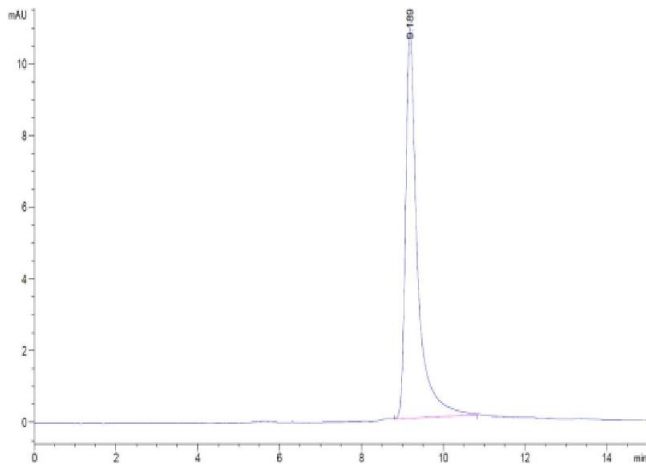
Expiry Date: 12 months

## Images



### SDS-PAGE

**Image 1.** Monkeypox virus L1R on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Monkeypox virus L1R is greater than 95 % as determined by SEC-HPLC.