

Active Recombinant Monkeypox virus(strain Zaire-96-I-16) L1R protein, His-tagged

Cat. No. L1R-1844M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Monkeypox virus(strain Zaire-96-I-16) L1R protein(NP_536512.1)(Met 1 - Gln 152), fused with His tag, was expressed in HEK293.
Species	MPX
Source	HEK293
ProteinLength	Met 1 - Gln 152
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Monkeypox virus (strain Zaire-96-I-16) L1R, His Tag at 5 µg/mL (100 µL/well) can bind Anti-Monkeypox virus L1R Polyclonal Antibody, Rabbit, IgG with a linear range of 0.6-2 ng/mL.
Molecular Mass	The protein has a calculated MW of 19.7 kDa. The protein migrates as 18-19 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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