

Recombinant MPXV E8L protein(), His-tagged

Cat. No. E8L-2407M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Monkeypox Virus (MPXV) E8L Protein was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	MPX
Source	Insect Cells
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% glycerol, pH 8. 5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Monkeypox Virus (MPXV) E8L Protein consists of 307 amino acids and predicts a molecular mass of 35.75 kDa. It migrates as an approximately 67.64 kDa and 37.35 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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