

PRODUCT INFORMATION

Target E8L **Synonyms** F8I

Recombinant Monkeypox virus E8L Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q8V4Y0 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Molecular Weight

Monkeypox virus E8L(Met1-Thr275) 6×His tag Characterization

> The protein has a predicted molecular mass of 32.7 kDa after removal of the signal peptide. The apparent molecular mass of Monkeypox virus

E8L-His is approximately 35-55 kDa due to

glycosylation.

The purity of the protein is greater than 85% as Purity determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthpoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body

from respiratory mucosa, multiplies in

Background lymphocytes, and incurs into blood producing transient venereal toxemia. after the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body,

causing lesions. E8L can Binds to chondroitin sulfate on the cell surface to provide virion

attachment to target cell.

Usage Research use only Conjugate Unconjugated







Figure 1. Monkeypox virus E8L Protein, His Tag on SDS-PAGE under reducing condition.



