Monkeypox Virus (MPXV) A29L Protein, His-SUMO Tag, HEK 293

Catalog Number	LDG023PVM
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
Monkeypox Virus

Expression system
HEK293

Affinity Tag
His-SUMO Tag (N-term)

Buffer
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Purity
>95% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 25.9 kDa.
The protein migrates as 35 kDa under reducing condition (SDS-PAGE analysis).

Form
Lyophilized

Background

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Background

Monkeypox virus is a zoonosis, which could do the infection between human and animals. The virus was first detected in laboratory monkeys by researchers in 1958. Monkeypox virus is a double-stranded DNA virus which is belong the orthopoxvirus (ex. Variola, vaccinia and cowpox). The DNA structure is more stable than the SARS-COV-2, so it won't have higher mutagenesis. In clinical trial, the syndrome is like smallpox's, but the mortality rate is lower.

Uniprot ID

#NP_536566.1

Sequence Note

Asp2-Glu110

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

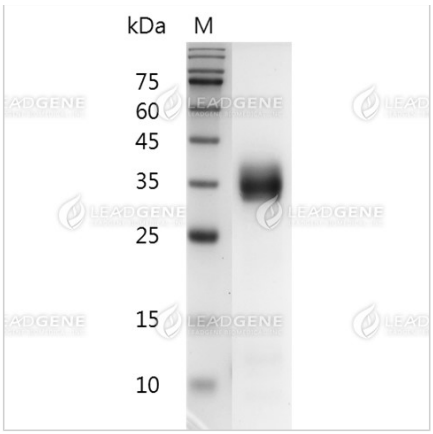
Avoid repeated freeze/thaw cycles.

Image

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677



SDS-PAGE analysis of Monkeypox Virus (MPXV) A29L Protein, His-SUMO Tag, HEK 293.

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677