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Datasheet for ABIN7125979
MPXV A30L protein (His tag)

Overview

Quantity:	50 µg
Target:	MPXV A30L
Origin:	Monkeypox Virus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Monkeypox virus (strain Zaire-96-l-16) A30L Protein, His Tag (MALS verified)
Sequence:	Ser 22 - Leu 146
Characteristics:	Monkeypox virus (strain Zaire-96-l-16) A30L, His Tag is expressed from human 293 cells (HEK293). It contains AA Ser 22 - Leu 146 (Accession # Q8V4U9-1).
Endotoxin Level:	Less than 0.01 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	MPXV A30L
Background:	Synonyms: A30L, Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus 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

Target Details

respiratory mucosa , multiplies in 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.

Molecular Weight: 16.0 kDa

Application Details

Application Notes: This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 16.0 kDa.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage: -20 °C
