

MONKEYPOX VIRUS E8L PROTEIN, HIS TAG

货号: 11825

产品全名: Monkeypox Virus E8L 蛋白

规格: 10/50/100 µg

基因符号 E8L

目标蛋白: E8L

UNIPROT ID: Q8V4Y0

描述: Recombinant Monkeypox virus E8L Protein with C-terminal 6xHis tag

背景: 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 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 bind to chondroitin sulfate on the cell surface to provide virion attachment to target cell.

物种/宿主: HEK293

分子量: 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.

分子特征: Monkeypox virus E8L(Met1-Thr275) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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). Lyophilized proteins are shipped at ambient temperature.

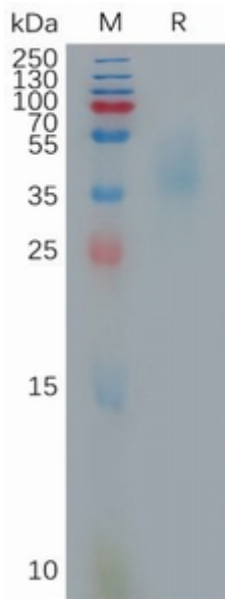


Figure 1. Monkeypox virus E8L Protein, His Tag on SDS-PAGE under reducing condition.