

## MONKEYPOX VIRUS A35R PROTEIN, HIS TAG

货号: 11816

产品全名: Monkeypox Virus A35R 蛋白

规格: 10/50/100 µg

基因符号 A35R

目标蛋白: A35R

**UNIPROT ID:** Q8V4U4

**描述:** Recombinant Monkeypox virus A35R Protein with C-terminal 6xHis tag

**背景:** 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 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. The envelope glycoprotein A35R on the EV surface has been predicted to influence intercellular diffusion of virions.

**物种/宿主:** HEK293

**分子量:** The protein has a predicted molecular mass of 14.5 kDa after removal of the signal peptide. The apparent molecular mass of Monkeypox virus A35R-His is approximately 10-15 kDa due to glycosylation.

**分子特征:** Monkeypox virus A35R(Arg58-Thr181) 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.

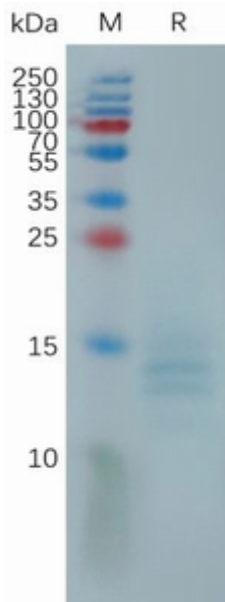


Figure 1. Monkeypox virus A35R Protein, His Tag on SDS-PAGE under reducing condition.