

**Catalog No.: RP01543** **Recombinant**

Species	Gene ID	Swiss Prot
Monkeypox virus	928966	Q77HM6

## C-His

A29I:A29:A29I:A29I:A29:A29I

<b>Source</b> <i>E. coli</i>	<b>Purification</b> ≥ 85 % as determined by SDS-PAGE
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Calculated MW	Observed MW
13.40 kDa	Approximately 15 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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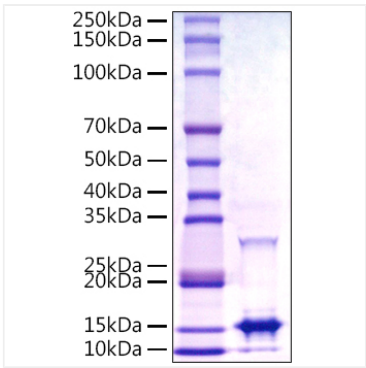
Recombinant Monkeypox virus A29 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Glu110) of A29 (Accession #URK20577.1) fused with a 6xHis tag at the C-terminus.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

# Validation Data



Recombinant Monkeypox virus A29 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.