

# Recombinant Monkeypox virus B16R Protein

Catalog No.: RP01594 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Monkeypox virus	928988	Q5IXK2

## Tags

C-His

## Synonyms

IFN-alpha/beta receptor glycoprotein;COP-167;B16R

## Background

## Basic Information

### Description

Recombinant Monkeypox virus B16R Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile25-Glu352) of monkeypox virus B16R (Accession #Q5IXK2) fused with a 6×His tag at the C-terminus.

### Bio-Activity

### Shipping

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

### Storage

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.

### Operational Notes

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

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
38.76 kDa	50-65 kDa

### Endotoxin

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

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

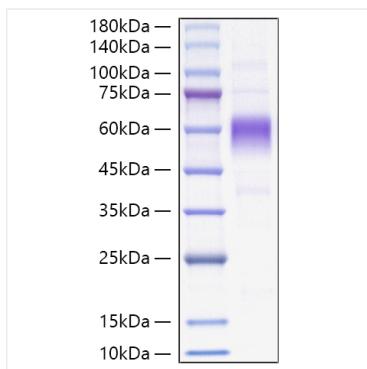
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot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

## Contact

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## Validation Data

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Recombinant Monkeypox virus B16R Protein  
was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.