

## General Information

### Protein Construction

A DNA sequence encoding the human herpesvirus 4/Epstein-Barr virus gp350 (strain B95-8) (YP\_401667.1) (Met1-Pro490) was expressed with a polyhistidine tag at the C-terminus.

### Organism

EBV

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

### Molecular Mass

The recombinant human herpesvirus 4/Epstein-Barr virus gp350 consists 501 amino acids and predicts a molecular mass of 53.7 kDa.

## Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

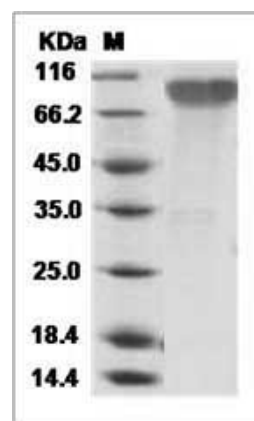
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Epstein-Barr virus (Herpesvirus 4) EBV Glycoprotein gp350 / EBV GP350 Protein (His Tag)