

## Epstein-Barr virus (B95-8) Glycoprotein gp350 Protein (His &amp; Avi), Biotinylated

## General Information

Synonyms: gp22;BLLF1

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 C-terminal polyhistidine tag followed by an AVI tag. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed. Predicted N terminal: Met 1

Species: EBV

Expression Host: HEK293 Cells

Accession: YP\_401667.1

Molecular Weight: 55.51 kDa (predicted)

## QC Testing

Biological Activity: Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity:  $\geq 90\%$  as determined by SDS-PAGE.  $\geq 95\%$  as determined by SEC-HPLC.

Endotoxin:  $< 1.0$  EU/ $\mu$ g of the protein as determined by the LAL method.

Formulation: Lyophilized from a solution filtered through a  $0.22\ \mu\text{m}$  filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

## Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at  $-80^{\circ}\text{C}$ . For reconstituted protein solutions, the solution can be stored at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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