

## Epstein-Barr virus (EBV) (strain B95-8) gH &amp; gL Heterodimer Protein (His &amp; Flag)

## General Information

Protein Construction:	A DNA sequence encoding the (Ser19-Leu682) of Epstein-Barr virus (EBV) (strain B95-8) gH (P03231) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1 ; A DNA sequence encoding the (Asn23-Gly137) of Epstein-Barr virus (EBV) (strain B95-8) gL (P03212) was fused with a flag tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the heterodimer was purified Predicted N terminal: Ser 19 & Asn 23
Species:	EBV
Expression Host:	HEK293 Cells
Accession:	P03231
Molecular Weight:	89.51 kDa (predicted); 79.81 kDa (reducing conditions)

## 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:	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm 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 &amp; Storage:

It is recommended to store recombinant proteins at -20°C to -80°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°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°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**

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