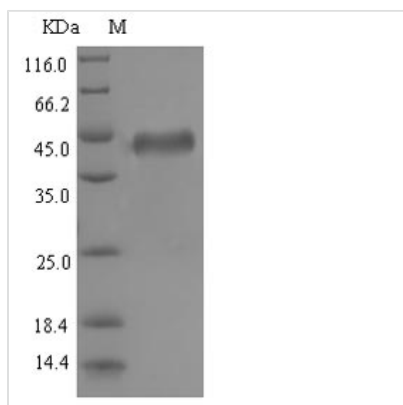




Recombinant Epstein-Barr virus Envelope glycoprotein B (gB), partial

Product Code	CSB-EP355975EFA
Relevance	Envelope glycoprotein that forms spikes at the surface of virion envelope. Involved in fusion of viral and cellular membranes leading to virus entry into the host cell. Following initial binding of gp350/220 to its receptor, membrane fusion is mediated by the fusion machinery composed at least of gB and the heterodimer gH/gL. May also be involved in the fusion between the virion envelope and the outer nuclear membrane during virion morphogenesis
Abbreviation	Recombinant Epstein-Barr virus gB protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P03188
Alias	GP115 Glycoprotein GP110
Product Type	Recombinant Protein
Immunogen Species	Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QTPEQPAPPATTVQPTATRQQTSFPFRVCELSSHGDLFRFSSDIQCPSFGTRE NHTEGLLMVFKDNIIPYSFKVRSYTKIVTNILIYNGWYADSVTNRHEEKFSVDSY ETDQMDTIYQCYNVAKMTKDGLTRVYVDRDGVNITVNLKPTGGLANGVRRYA SQTELYDAPGWLIWYRTRTTVNCLITDMMAKSNSPFDFFVTTTGQTVEMSPF YDGKNKETFERADSFHVRTNYKIV
Research Area	Others
Source	E.coli
Target Names	gB
Expression Region	23-260aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	43.3kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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