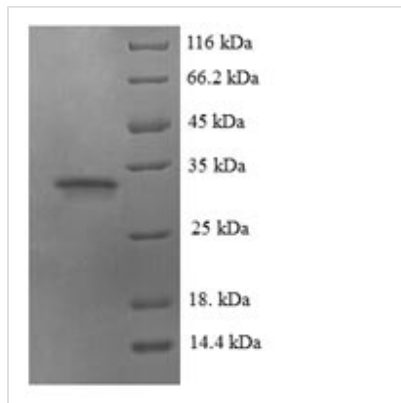




Recombinant Human herpesvirus 1 Envelope glycoprotein G (gG), partial

Product Code	CSB-EP361844HWY1
Relevance	Chokine-binding protein that inhibits neutrophils' chotaxis.
Abbreviation	Recombinant Human herpesvirus 1 gG 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.	P06484
Alias	gG-1
Product Type	Recombinant Protein
Immunogen Species	Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VPTNVSSTTQPQLQTTGRPSHEAPNMTQTGTTDSPTAISLTTPDHTPPMPSIG LEEEEEEEGAGDGEHLEGGDGTRDTLPQSPGPAFPLAEDVEKDKPNRPVVPS PDPNNSPARPETS RPKTPPTIIGPLATRPTTRLTSKGRPLVPTPQHTPLFSFLTA SPALD
Research Area	Others
Source	E.coli
Target Names	gG
Protein Names	gG-1
Expression Region	25-189aa
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	33.4 kDa
Protein Length	Partial
Image	



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

Description

Explore the world of virology research with our Recombinant Human herpesvirus 1 Envelope glycoprotein G, a specialized protein that can enhance your understanding of viral entry and pathogenesis in Human herpesvirus 1 (HHV-1) infections. Envelope glycoprotein G, encoded by the gG (US4) gene, is a significant protein in the Human herpesvirus 1 (strain 17) that plays crucial roles in the virus life cycle, including cell entry and immune evasion.

Our Recombinant Human herpesvirus 1 Envelope glycoprotein G is produced using E.coli expression systems and represents a partial protein spanning the 25-189 amino acid expression region. This protein features an N-terminal 6xHis-SUMO tag for streamlined purification and detection processes. With a purity greater than 90% as determined by SDS-PAGE, our recombinant protein offers reliable performance and reproducibility in your experiments. This product is available in both liquid and lyophilized powder forms, providing flexibility for various research applications.

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

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.