

EBV/HHV4 gH & gL & gp42 Trimer Recombinant Protein | EBV/HHV4 recombinant protein

Recombinant EBV/HHV4 gH & gL & gp42 Trimer, C-Strep & C-His & C-His

CATALOG # AAA120611	HOST Mammalian	APPLICATIONS ELISA, Western Blot, SDS-Page
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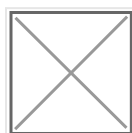
PRODUCT SYNONYMS

EBV/HHV4 gH & gL & gp42 Trimer; Recombinant EBV/HHV4 gH & gL & gp42 Trimer; C-Strep & C-His & C-His; Envelope glycoprotein H; gH; BXL2; Envelope glycoprotein L; gL; BKR2; Glycoprotein 42; gp42; Soluble gp42; BZL2; Epstein-Barr virus (EBV); EBV/HHV4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Sequence Positions	gH[Ser19-Leu682] & gL[Asn23-Gly137] & gp42[Arg30-Ser223]
Sequence Length	gH[Ser19-Leu682] & gL[Asn23-Gly137] & gp42[Arg30-Ser223]
Applicable Applications for EBV/HHV4 recombinant protein	ELISA, WB (Western Blot), SDS-PAGE
Species	Epstein-Barr virus (strain B95-8)(HHV-4)(Human herpesvirus 4)
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Store at 2 to 8 degree C for frequent use . Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.

IMAGES



SDS-PAGE

SDS-PAGE for Recombinant EBV/HHV4 gH & gL & gp42 Trimer protein.

ADDITIONAL INFORMATION

Product Categories/Family for EBV/HHV4 recombinant protein	Recombinant Proteins
References	A bivalent Epstein-Barr virus vaccine induces neutralizing antibodies that block infection and confer immunity in humanized mice. PMID: 35507671 Immunization with a self-assembling nanoparticle vaccine displaying EBV gH/gL protects humanized mice against lethal viral challenge. PMID: 35705092 gH/gL supercomplexes at early stages of herpesvirus entry. PMID: 26849495 Epstein-Barr virus gH/gL has multiple sites of vulnerability for virus neutralization and fusion inhibition. PMID: 36306784 Ephrin receptor A2 is an epithelial cell receptor for Epstein-Barr virus entry. PMID: 29292383

NCBI AND UNIPROT INFORMATION

NCBI GI #	82503256
NCBI GeneID	3783742
NCBI Accession #	YP_401700.1
NCBI GenBank Nucleotide #	NC_007605.1
UniProt Accession #	P03231; P03212 & P03205
Molecular Weight	74 kDa & 14 kDa & 25 kDa (Reduced)
NCBI Official Full Name	glycoprotein gp85
NCBI Official Symbol	BXLF2
NCBI Protein Information	glycoprotein gp85 precursor; gp85 protein
UniProt Protein Name	Envelope glycoprotein H
UniProt Gene Name	gH
UniProt Synonym Gene Names	gH; gp85
UniProt Entry Name	GH_EBVB9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gh-recombinant-protein-mammalian-elisa-wb-western-blot-sds-page/120611>