

EBV/HHV4 GP42/Glycoprotein 42 Recombinant Protein | EBV/HHV4 recombinant protein

Recombinant EBV/HHV4 GP42/Glycoprotein 42 Protein, C-His

CATALOG # AAA120612	HOST Mammalian	APPLICATIONS ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

EBV/HHV4 GP42/Glycoprotein 42; Recombinant EBV/HHV4 GP42/Glycoprotein 42 Protein; C-His; Glycoprotein 42; gp42; Soluble gp42; BZLF2; 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	Arg30-Ser223
Sequence Length	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	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

IMAGES



SDS-PAGE

SDS-PAGE for Recombinant EBV/HHV4 GP42/Glycoprotein 42 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 Antibody Generation and Immunogenicity Analysis of EBV gp42 N-Terminal Region. PMID: 34960650 Membrane anchoring of Epstein-Barr virus gp42 inhibits fusion with B cells even with increased flexibility allowed by engineered spacers. PMID: 25564465 Structural basis for Epstein-Barr virus host cell tropism mediated by gp42 and gHgL entry glycoproteins. PMID: 27929061 Mapping the N-terminal residues of Epstein-Barr virus gp42 that bind gH/gL by using fluorescence polarization and cell-based fusion assays. PMID: 20668073

NCBI AND UNIPROT INFORMATION

NCBI GI #	82503228
NCBI GeneID	3783745
NCBI Accession #	YP_401672.1
NCBI GenBank Nucleotide #	NC_007605.1
UniProt Accession #	P03205; Q777E6; P0C6Z5
Molecular Weight	Predicted MW: 25 kDa
NCBI Official Full Name	putative BZLF2 protein
NCBI Official Symbol	BZLF2
NCBI Protein Information	putative BZLF2 protein
UniProt Protein Name	Glycoprotein 42
UniProt Gene Name	BZLF2
UniProt Synonym Gene Names	gp42
UniProt Entry Name	GP42_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/bzlf2-recombinant-protein-mammalian-elisa-wb-western-blot-sds-page/120612>