EBV (HHV-4) gH/gL/gp42 Recombinant Protein | EBV recombinant protein

EBV (HHV-4) gH/gL/gp42 Protein Complex

CATALOG #	HOST	APPLICATIONS
AAA13704	**HEK293 cells**	**Western Blot, ELISA**

PRODUCT SYNONYMS

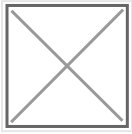
EBV (HHV-4) gH/gL/gp42; EBV (HHV-4) gH/gL/gp42 Protein Complex; EBV recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95% pure by 10% SDS-PAGE gel
Concentration	50 ug (1ug/ul) in PBS (varies by lot)
Applicable Applications for EBV recombinant protein	WB (Western Blot), ELISA, Immunogen
Source	Expressed and purified from HEK293 cells
Endotoxin	<0.01 EU per 1 ug of the protein by LAL test
Viral Protein	C-terminal 6xhis-tagged recombinant EBV gH protein (amino acid 1-344) (GenBank accession#:P03231) in complex with gL (aa 25-137)(GenBank accession#: CAD53428) and gp42 (aa 31-223) (GenBank accession#: YP_401672)
Preparation and Storage	Store at -20°C Stable for two weeks from the date of receipt when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES

SDS-PAGE
4-15% Tris-glycine (native non-reducing condition): purified gH/gL/gp42(EBV) protein complex



SDS-PAGE
4-20% SDS-PAGE (reducing): purified gH/gL/gp42(EBV) protein complex

SDS-PAGE
Purified gH/gL/gp42(EBV) protein complex

ADDITIONAL INFORMATION

Related Product Information for EBV recombinant protein	Introduction: Herpesviruses have an envelope and an outer lipid bilayer which contains up to twelve surface glycoproteins. For infectivity to be attained, the double stranded DNA genome of EBV must enter the host cell through means of fusion of its envelope with the cellular membrane or via endocytosis. Epstein–Barr virus (EBV) can infect both B cells and epithelial cells. The mechanisms for entering these two cells are different. The viral three-part glycoprotein complexes of gHgL/gp42 mediate B cell membrane fusion. Description: Recombinant EBV gH, gL and gp42 proteins expressed and purified from 293 cells

Product Categories/Family for EBV recombinant protein	Viral Recombinant Proteins; Herpesvirus

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P03231
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-hek293-cells-wb-western-blot-elisa-immunogen/13704