abcam

Product datasheet

Recombinant EBV Latent Membrane Protein 1 (His tag) ab240835

3 Images

Description

Product name	Recombinant EBV Latent Membrane Protein 1 (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Yeast
Accession	P0C741
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Epstein-Barr virus
Sequence	YFHGPRHTDEHHHDDSLPHPQQATDDSSHESDSNSNEG RHHLLVSGAGDG PPLCSQNLGAPGGGPDNGPQDPDNTDDNGPQDPDNTD DNGNTDDNGPQDP DNTDDNGPHDPLPHNPSDSAGNDGGPPNLTEEVENKGG DRGPPSMTDGGG GDPHLPTLLLGTSGSGGDDDDPHGPVQLSYYD
Predicted molecular weight	21 kDa including tags
Amino acids	185 to 366
Tags	His tag N-Terminus
Additional sequence information	Strain GD1 (HHV-4) (Human herpesvirus 4).

Specifications

Our **Abpromise guarantee** covers the use of **ab240835** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Mass Spectrometry
Mass spectrometry	LC-MS/MS
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.20

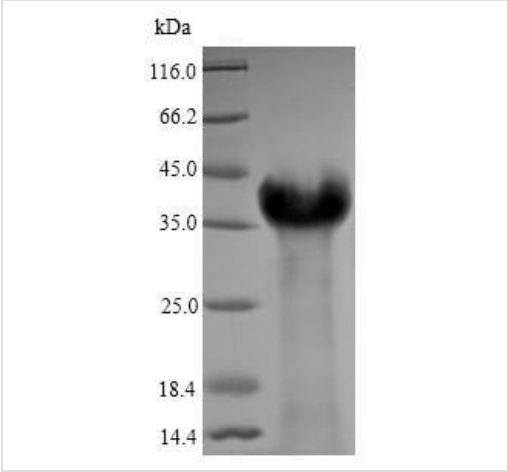
Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Relevance

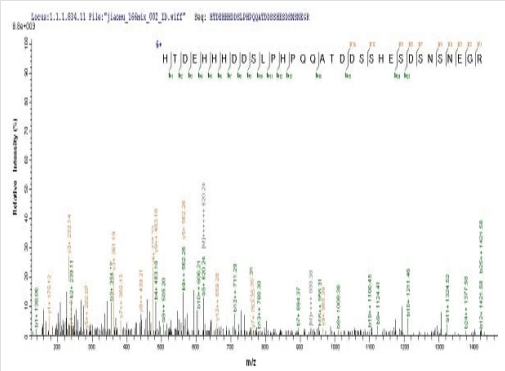
EBV is a human herpesvirus that establishes a life-long persistence in the host. The virus infects the vast majority of the world's adult population and is well known for its association with a broad spectrum of benign and malignant diseases, including infectious mononucleosis, Burkitt's lymphoma, nasopharyngeal carcinoma, and is causally associated with lymphoid and epithelial malignancies, including post-transplant lymphoproliferative disorders, Hodgkin's disease, anaplastic nasopharyngeal carcinoma and gastric carcinomas. Latent membrane protein 1 (LMP1) of Epstein-Barr virus (EBV) is a transforming protein that affects multiple cell signalling pathways and contributes to EBV-associated oncogenesis. LMP1 can be expressed in some states of EBV latency, and significant induction of full-length LMP1 is also observed frequently during virus reactivation into the lytic cycle. LMP1 is critical for EBV-infected cell activation, adhesion and survival, and is usually expressed in the malignant cells.

Images



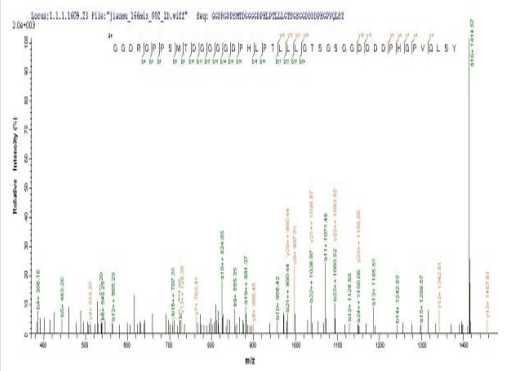
SDS-PAGE - Recombinant EBV Latent Membrane Protein 1 (His tag) (ab240835)

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab240835.



Mass Spectrometry - Recombinant EBV Latent Membrane Protein 1 (His tag) (ab240835)

Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS analysis result of ab240835 could indicate that this peptide derived from Yeast-expressed Epstein-Barr virus (strain GD1) (HHV-4) (Human herpesvirus 4) EBV Latent Membrane Protein 1.



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