

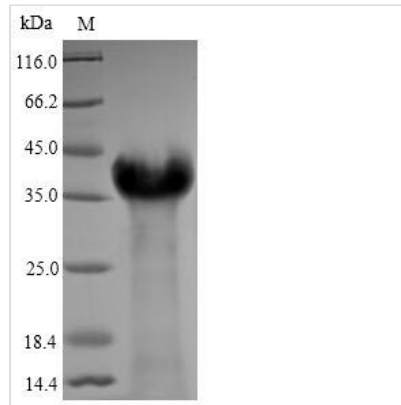


Recombinant Epstein-Barr virus Latent membrane protein 1 (LMP1), partial

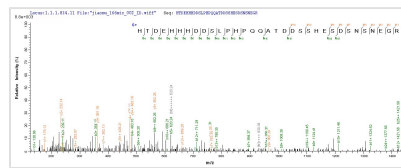
Product Code	CSB-YP314489EFC1
Relevance	Acts as a CD40 functional homolog to prevent apoptosis of infected B-lymphocytes and drive their proliferation. Functions as a constitutively active tumor necrosis factor receptor that induces the activation of several signaling pathways, including those of the NF-kappa-B family. LMP1 signaling leads to up-regulation of antiapoptotic proteins and provide growth signals in latently infected cells. Interacts with host UBE2I and subsequently affects the sumoylation state of several cellular proteins. For example, induces the sumoylation of host IRF7 thereby limiting its transcriptional activity and modulating the activation of innate immune responses.
Abbreviation	Recombinant Epstein-Barr virus LMP1 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.	P0C741
Alias	Protein p63
Product Type	Recombinant Protein
Immunogen Species	Epstein-Barr virus (strain GD1) (HHV-4) (Human herpesvirus 4)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YFHGPRHTDEHHHDDSLPHPQQATDDSSHESDSNSNEGRHHLLVSGAGDGP PLCSQNLGAPGGGPDNGPQDPDNTDDNGPQDPDNTDDNGNTDDNGPQDPD NTDDNGPHDPLPHNPSDSAGNDGGPPNLTEEVENKGGDRGPPSMTDGGGG DPHLPTLLLGTSGSGGDDDDPHGPVQLSYYD
Research Area	others
Source	Yeast
Target Names	LMP1
Protein Names	Recommended name: Latent membrane protein 1 Short name= LMP-1Alternative name(s): Protein p63
Expression Region	185-366aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	20.8kDa
Protein Length	Partial



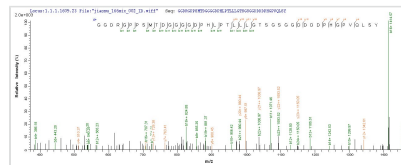
Image



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



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP314489EFC1 could indicate that this peptide derived from Yeast-expressed Epstein-Barr virus (strain GD1) (HHV-4) (Human herpesvirus 4) LMP1.



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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

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