

Latent membrane protein 2 (LMP2) Recombinant Protein | LMP2 recombinant protein

Recombinant Epstein-Barr virus Latent membrane protein 2 (LMP2), partial

CATALOG # AAA18676	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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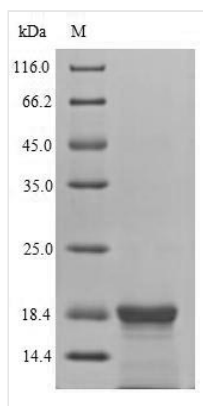
PRODUCT SYNONYMS

Latent membrane protein 2 (LMP2); Recombinant Epstein-Barr virus Latent membrane protein 2 (LMP2); partial; Recombinant Latent membrane protein 2 (LMP2); Latent membrane protein 2; Terminal protein; LMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-147aa; Partial
Sequence	MGSLEMVPMG AGPPSPGGDP DGYDGGNSQ YPSASGSSGN TPTPPNDEER ESNEEPPPPY EDPYWNGDR HSDYQPLGTQ DQSLYLGLQH DGNDGLPPPP YSPRDDSSQH IYEEAGRGSM NPVCLPVIVA PYLFWLAAIA ASCFTAS
Species	Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Notes ? Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LMP2 recombinant protein	Isoform LMP2A maintains EBV latent infection of B-lymphocyte, by preventing lytic reactivation of the virus in response to surface immunoglobulin (sIg) cross-linking. Acts like a dominant negative inhibitor of the sIg-associated protein tyrosine kinases, LYN and SYK. Also blocks translocation of the B-cell antigen receptor (BCR) into lipid rafts, preventing the subsequent signaling and accelerated internalization of the BCR upon BCR cross-linking. Serves as a molecular scaffold to recruit SYK, LYN and E3 protein-ubiquitin ligases, such as ITCH and NEDD4L, leading to ubiquitination and potential degradation of both tyrosines kinases. Possesses a constitutive signaling activity in non-transformed cells, inducing bypass of normal B lymphocyte developmental checkpoints allowing immunoglobulin-negative cells to colonize peripheral lymphoid organs.Isoform LMP2B may be a negative regulator of isoform LMP2A.
Product Categories/Family for LMP2 recombinant protein	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	82503189
NCBI GeneID	3783751
NCBI Accession #	YP_401631.1
NCBI GenBank Nucleotide #	NC_007605.1
UniProt Accession #	P13285; Q777H4; Q8AZK9; 1405236A
Molecular Weight	17.6 kDa
NCBI Official Full Name	K15
NCBI Official Symbol	LMP-2A
NCBI Protein Information	K15; LMP-2A
UniProt Protein Name	Latent membrane protein 2
UniProt Gene Name	LMP2
UniProt Entry Name	LMP2_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.