



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

<b>Product Code</b>	CSB-YP321086EFA
<b>Relevance</b>	Isoform LMP2A maintains EBV latent infection of B-lymphocyte, by preventing lytic reactivation of the virus in response to surface immunoglobulin (slg) cross-linking. Acts like a dominant negative inhibitor of the slg-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.
<b>Abbreviation</b>	Recombinant Epstein-Barr virus LMP2 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P13285
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Research Area</b>	others
<b>Source</b>	Yeast
<b>Target Names</b>	LMP2
<b>Protein Names</b>	Recommended name: Latent membrane protein 2 Alternative name(s): Terminal protein
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal His-tagged
<b>Mol. Weight</b>	17.6kDa
<b>Protein Length</b>	Partial
<b>Image</b>	

