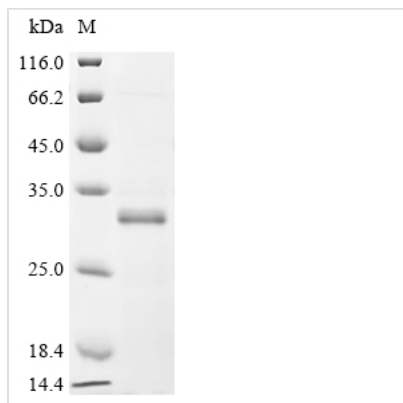




Recombinant Epstein-Barr virus Latent membrane protein 2 (LMP2), partial

Product Code	CSB-EP321086EFA
Relevance	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.
Abbreviation	Recombinant Epstein-Barr virus LMP2 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.	P13285
Product Type	Recombinant Proteins
Immunogen Species	Epstein-Barr virus
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MGSLEMVPMGAGPPSPGGDPDGYDGGNNSQYPSASGSSGNTPTPPNDEER ESNEEPPPPYEDPYWGNNGDRHSDYQPLGTQDQSLYLGLQHDGNDGLPPPPY SPRDDSSQHIYEEAGRGS MNPVCLPVIVAPYLFWLAAIAASCFTAS
Research Area	Cell Biology
Source	E.coli
Target Names	LMP2
Expression Region	1-147aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	31.6kDa
Protein Length	Partial
Image	



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

Shelf Life

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