

Recombinant Epstein-Barr Virus LMP1 Protein (185-386 aa), His-SUMO-tagged

Cat. No. LMP1-872E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Epstein-Barr Virus (strain Raji) (HHV-4) LMP1 Protein (185-386 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	HHV4
Source	E.coli
ProteinLength	185-386 aa
Description	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. It is a short-lived protein probably degraded by the proteasome.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	37.0 kDa
AA Sequence	YYHGQRHSDEHHDDSLPHPQQATDDSSNQSDSNSNEGRHLLLVSAGDGPPLC SQNLGAPGGGPNNGPQDPDNTDDNGPQDPDNTDDNGPHDPLPQDPDNTDDNGP QDPDNTDDNGPHDPLPHNPSPDSAGNDGGPPQLTEEEVENKGGDQGPPLMTDGGG

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GSHDSGHDGIDPHLPTLLGTSGSGGDDDDPHGPVQLSYYD

Purity > 90% as determined by SDS-PAGE.

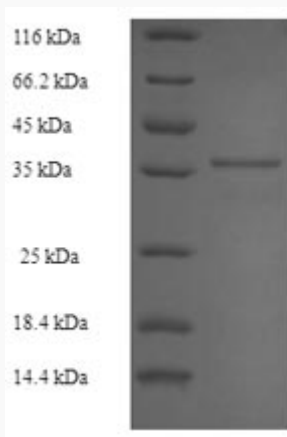
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P13198](#)



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

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