

Recombinant Human LAMP1 Protein, His-tagged

Cat. No. LAMP1-247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMP1(29-382aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	29-382aa
Description	LAMP1, also known as lysosome-associated membrane glycoprotein 1, is a membrane protein that belongs to the LAMP family. It is expressed in the endosome-lysosome membranes of cells, but is also found on the plasma membrane during the activation of NK cells, CD8+ T cells, mast cells, basophils, monocytes, and platelets. A glycoform of LAMP1 is expressed on the surface of activated macrophages where it promotes T cell co-stimulation and a Th1 biased immune response.
Predicted N Terminal	Ala
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	39.4kDa (363aa) 57-70KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPAMFMVKN GNGTACIMAN FSAAFSVNYD TKSGPKNMTF DLPSDATVVL NRSSCGKENT SDPSLVIAFG RGHTLTNLFT RNATRYSVQL MSFVYNLSDT HLFPNASSKE IKTVESITDI RADIDKKYRC VSGTQVHMNN

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VTVTLHDATI QAYLSNSSFS RGETRCEQDR PSPTTAPPAP
PSPSPSPVPK SPSVDKYNVS GTNGTCLLAS MGLQLNLTYE RKDNTTVTRL
LNINPNKTS A SGSCGAHLVT LELHSEGTTV LLFQFGMNAS
SSRFFLQGIQ LNTILPDARD PAFKAANGSL RALQATVGNS YKCNAEEHVR
VTKAFSVNIF KVWVQAFKVE GGQFGSVEEC LLDENSMHHH
HHH

Purity > 90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name [LAMP1 lysosomal-associated membrane protein 1 \[Homo sapiens \]](#)

Official Symbol [LAMP1](#)

Synonyms LAMP1; lysosomal-associated membrane protein 1; lysosome-associated membrane glycoprotein 1; CD107a; LAMP-1; CD107 antigen-like family member A; lysosome-associated membrane protein 1; LAMPA; LGP120;

Gene ID [3916](#)

mRNA Refseq [NM_005561](#)

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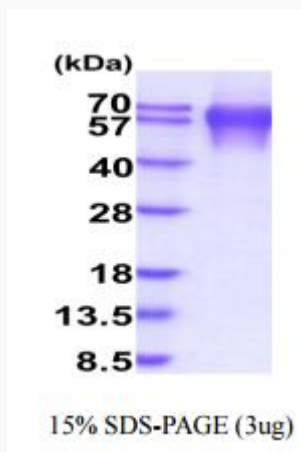
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Protein Refseq [NP_005552](#)

MIM [153330](#)

UniProt ID [P11279](#)



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