

Active Recombinant Human LAMP1 protein, His-tagged

Cat. No. LAMP1-2263H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LAMP1 protein(NP_005552.3) (Met 1-Met 382) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-382 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated recombinant human Galectin-3 in a functional ELISA.
Molecular Mass	The recombinant human LAMP1 consists of 365 amino acids and predicts a molecular mass of 39.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhLAMP1 is approximately 60-100 kDa due to high levels of glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_005552.3

Unit ID

P11279

Unit ID-Weblink

<https://www.uniprot.org/uniprotkb/P11279>

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

protein Refseq

NP_005552

MIM

153330

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