

# Recombinant Human LAMP1 Protein, Fc-tagged

Cat. No. LAMP1-288H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human LAMP1 fused with Fc tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
<b>Molecular Mass</b>	65.5kD
<b>AA Sequence</b>	<p>AMFMVKNNGTACIMANFSAAFSVNYDTKSGPKNMFTDLPSDATVVLNRSSCGKE            NTSDPSLVIAFGRGHTLTLNFTRNATRYSVQLMSFVYNLSDTHLFPNASSKEIKTVES            ITDIRADIDKKYRCVSGTQVHMNNVTVTLHDATIQA YLSNSSFSRGETRCEQDRPSP            TTAPPAPPSPSPSPVPKSPSVDKYNSVGTNGTCLLASMGLQLNLT YERKDNTTVTRL            LNINPNKTSASGSCGAHLVTLELHSEGTTVLLFQFGMNASSSRFFLQGIQLNTILPDA            RDPAFKAANGSLRALQATVGN SYKCAEEHVRVTKAFSVNIFKVVWQAFKVEGGQF            GSVEECLLDENSMVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKD            TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSV            LTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ            VSLTCLVKGFPYPSDIAVEWESNGQPENNYKTTTPVLDSDGGSFFLYSKLTVDKSRWQ</p>

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QGNVFSCSVMHEALHNHYTQKSLSLSPGK

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 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](#)

**UniProt ID** [P11279](#)

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