

# Recombinant Full Length Human LAMP1 Protein, C-Flag-tagged

Cat. No. LAMP1-1140HFL    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human LAMP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<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>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	41.9 kDa
<b>AA Sequence</b>	<p>MAAPGSARRPLLLLLLLLLLGLMHCASAAMFMVKNNGTACIMANFSAAFSVNYDTK            SGPKNMTFDLPSD ATVVLNRSSCGKENTSDPSLVIAFGRGHTLTLNFTRNATRYSV            QLMSFVYNLSDTHLFPNASSKEIKTVE SITDIRADIDKKYRCVSGTQVHMNNVTVLH            DATIQAYLSNSSFSRGETRCEQDRPSPTTAPPAPPSPSP SPVPKSPVDKYNVSGT            NGTCLLASMGLQLNLTYERKDNTTVTRLLNINPNKTSASGSCGAHLVTLELHS EGTT            VLLFQFGMNASSSRFFLQGIQLNTILPDARDPAFKAANGSLRALQATVGNSYKCAE            EHVRVTKAF SVNIFKVWVQAFKVEGGQFGSVEECLLDENSMLIPIAVGGALAGLVLI            VLIAYLVGRKRSHAGYQTITRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	ES Cell Differentiation/IPS, Transmembrane
<b>Protein Pathways</b>	Lysosome
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	LAMP1 lysosomal associated membrane protein 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	LAMP1
<b>Synonyms</b>	LAMPA; CD107a; LGP120
<b>Gene ID</b>	3916
<b>mRNA Refseq</b>	NM_005561.4
<b>Protein Refseq</b>	NP_005552.3

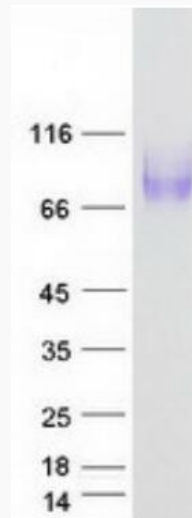
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**MIM** 153330

**UniProt ID** P11279



Coomassie blue staining of purified LAMP1 protein.

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