

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human LAMP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.9 kDa
AA Sequence	MAAPGSARRPLLLLLLLLLLGLMHCSAAMFMVKNNGTACIMANFSAAFSVNYDTK SGPKNMTFDLPD ATVLNRSSCGKENTSDPSLVIAFGRGHTLTNFTRNATRYSV QLMSFVYNLSDLTHLPNASSKEIKTVE SITDIRADIDKKYRCVSGTQVHMNNVTVLH DATIQAYLSNSSFSRGETRCEQDRPSPTTAPPAPPSPSP SPVPKSPVDKYNVSGT NGTCLLASMGQLNLTYERKDNTTVTRLLNINPNKTSASGSCGAHLVTLELHS EGTT VLLFQFGMNASSSRFFLQGIQLNTILPDARDPAFKAANGSLRALQATVGNSYKCNAE EHVRVTKAF SVNIFKVVVQAFKVEGGQFGSVEECLLDENSMLIPIAVGGALAGLVLI VLIAYLVGRKRSHAGYQTITRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

GENE INFORMATION

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

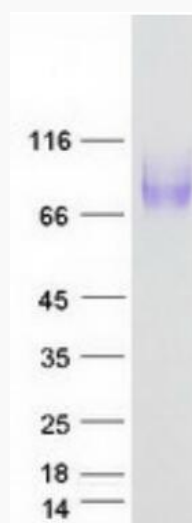
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MIM 153330

UniProt ID P11279



Coomassie blue staining of purified LAMP1 protein.

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