

Recombinant Human LAMP1 Protein, His-tagged

Cat. No. LAMP1-343H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human LAMP1 protein with His tag was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 417

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 Lyophilized

Molecular Mass 39.2 kDa

AA Sequence

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MAAPGSARRPLLLLLLLLLLGLMHCSAAMFMVKNNGTACIMANFSAAFSVNYDTK
SGPKNMTFDLPDATVVLNRSSCGKENTSDPSLVIAFGRGHTLTLNFTRNATRYSVQ
LMSFVYNLSDTHLFPNASSKEIKTVESITDIRADIDKKYRCVSGTQVHMNNVTVTLHD
ATIQAYLSNSSFSRGETRCEQDRPSPTTAPPAPPSPPSPVPKSPVDKYNVSGTN
GTCLLASMGLQLNLTYERKDNTTVTRLLNINPNKTSASGSCGAHLVTLELHSEGTTV
LLFQFGMNASSSRFFLQGIQLNTILPDARDPAFKAANGSLRALQATVGNVSYKCNAAE
HVRVTKAFSVNIFKVVWVQAFKVEGGQFGSVVEECLLDENSMLIPIAVGGALAGLVLIVLI
AYLVGRKRSHAGYQTI
    
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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

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mRNA Refseq	NM_005561
Protein Refseq	NP_005552
MIM	153330
UniProt ID	P11279

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