

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	MAAPGSARRPLLLLLLLLLLGLMHCAAMFMVKNNGTACIMANFSAAFSVNYDTK SGPKNMTFDLPDATVVLNRSSCGKENTSDPSLVIAFGRGHTLTNLNFTRNATRYSVQ LMSFVYNLSDTHLFPNASSKEIKTVESITDIRADIDKKYRCVSGTQVHMNNVTVTLHD ATIQAYLSNSSFSRGETRCEQDRPSPTTAPPAPPSPSPSPVPKSPVDKYNVSGTN GTCLLASMGLQLNLTYERKDNTTVTRLLNINPNKTSASGSCGAHLVTLELHSEGTTV LLFQFGMNASSSRFFLQGIQLNTILPDARDPAFKAANGSLRALQATVGNSYKCNAAEE HVRVTKAFSVNIFKVWVQAFKVEGGQFGSVEECLLDENSMILPIAVGGALAGLVLIVLI 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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