

Recombinant Human LAMP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1875	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human LAMP1 Protein is produced by our Mammalian expression system and the target gene encoding Ala29-Met382 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol LAMP1

Alternative Names Lysosome-associated membrane glycoprotein 1; LAMP-1; Lysosome-associated membrane protein 1; CD107 antigen-like family member A; CD107a

Entrez Gene 3916 (Human)

SwissProt P11279 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure AMFMVKNGNG TACIMANFSA AFSVNYDTKS GPKNMTFDLP SDATVVLNRS
 SCGKENTS DP SLVIAFGRGH TLTLNFTRNA TRYSVQLMSF VYNLS DTHLF PNAS SKEIKT
 VESITDIRAD IDKKYRCVSG TQVHMNNVTV TLHDATI QAY LSNSSFSRGE TRCEQDRPSP
 TTAPPAPPSP SPSVPKSPS VDKYNVSGTN GTCLLAS MGL QLNLT YERKD NTTVTRLLNI
 NPNKTSASGS CGAHLVTLEL HSEGTTVLLF QFGMNASSSR FFLQGIQLNT ILPDARDPAF
 KAANGSLRAL QATVGNSYKC NAEEHVRVTK AFSVNIFKVV VQAFKVEGGQ FGSVEECLLD
 ENSMVDH HHH HH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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