

Recombinant Human LAMP2 Protein

Catalog #	Source	Reactivity	Applications
CRP1877	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LAMP2 Protein is produced by our Mammalian expression system and the target gene encoding Leu29-Ile375 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	LAMP2		
Alternative Names	Lysosome-associated membrane glycoprotein 2; LAMP-2; Lysosome-associated membrane protein 2; CD107 antigen-like family member B; CD107b		
Entrez Gene	3920 (Human)		
SwissProt	P13473 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	LELNLTDSEN ATCLYAKWQM NFTVRYETTN KTYKTVTISD HGTVTYNGSI CGDDQNGPKI AVQFGPGFSW IANFTKAAST YSIDSVSFSY NTGDNTTFPD AEDKGILTVD ELLAIRIPLN DLFRCNLSLT LEKNDVVQHY WDVLVQAFVQ NGTVSTNEFL CDKDKTSTVA PTIHHTVPSP TTTTPTKEKP EAGTYSVNNG NDTCLLATMG LQLNITQDKV ASVININPNT THSTGSCRSH TALLRLNSST IKYLDVFVAV KNENRFYLKE VNISMVYLVNG SVFSIANNL SYWDAPLGSS YMCNKEQTVS VSGAFQINTF DLRVQPFNVT QGKYSTAQEC SLDDDTIVDH HHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) 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 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

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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