

Recombinant Human LAMP2 protein, His-tagged

Cat. No. LAMP2-2871H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMP2 protein(29 - 230 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29 - 230 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LELNLTDSENATCLYAKWQMNFVRYETTNTKYKTVTISDHGTVTYNGSICGDDQN GPKIAVQFGPGFSWIANFTKAASTYSIDSVSFSYNTGDNTTFPDAEDKGILTVDELLAI RIPLNDLFRCNLSLSTLEKNDVVQHYWDVLVQAFVQNGTVSTNEFLCDKDKTSTVAPT IHTTVSPSTTTTPKEKPEAGTYSVNNGND
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION**Gene Name**

LAMP2 lysosomal-associated membrane protein 2 [Homo sapiens]

Official Symbol

LAMP2

Synonyms

LAMP2; lysosomal-associated membrane protein 2; lysosome-associated membrane glycoprotein 2; CD107b; CD107 antigen-like family member B; lysosome-associated membrane protein 2; LAMPB; LAMP-2; LGP110;

Gene ID

3920

mRNA Refseq

NM_001122606

Protein Refseq

NP_001116078

MIM

309060

UniProt ID

P13473

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