

Recombinant Human LAPTM5 protein, GST-tagged

Cat. No. LAPTM5-7344H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAPTM5 protein(213-262 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	213-262 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	YRLIKCMNSVEEEKKNSKMLQKVVLPSYEEALSLPSKTPEGGPAPPPYSEV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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GENE INFORMATION

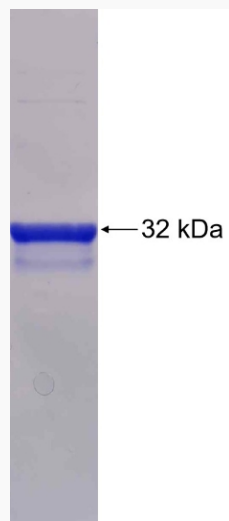
Gene Name	LAPTM5 lysosomal protein transmembrane 5 [Homo sapiens]
Official Symbol	LAPTM5
Synonyms	LAPTM5; lysosomal protein transmembrane 5; lysosomal multispanning membrane protein 5; lysosomal-associated transmembrane protein 5; retinoic acid-inducible E3 protein; human retinoic acid-inducible E3 protein; CD40-ligand-activated specific transcripts; lysosomal-associated multitransmembrane protein 5; lysosomal associated multispanning membrane protein 5; CLAST6; FLJ61683; FLJ97251; MGC125860; MGC125861;
Gene ID	7805
mRNA Refseq	NM_006762
Protein Refseq	NP_006753
MIM	601476
UniProt ID	Q13571

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SDS-PAGE



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