

Recombinant Human LAPTM4A protein, GST-tagged

Cat. No. LAPTM4A-301425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAPTM4A protein(103-187 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	103-187 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. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	SYQVGWLIPFFCYRLFDFVLSCLVAISSLTYPRIKEYLDQLPDFPYKDLLALDSSCL LFIVLVFFALFIIFKAYLINCWNCY
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

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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.

GENE INFORMATION

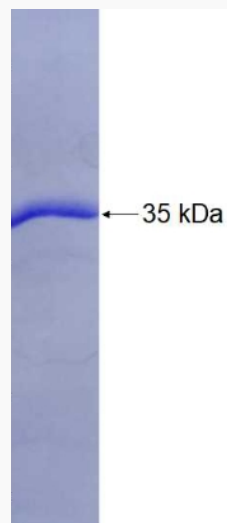
Gene Name	LAPTM4A lysosomal protein transmembrane 4 alpha [Homo sapiens]
Official Symbol	LAPTM4A
Synonyms	LAPTM4A; lysosomal protein transmembrane 4 alpha; lysosomal associated protein transmembrane 4 alpha , MBNT; lysosomal-associated transmembrane protein 4A; HUMORF13; KIAA0108; LAPTM4; Mtrp; membrane nucleoside transporter; golgi 4-transmembrane-spanning transporter MTP; lysosomal-associated protein transmembrane 4 alpha; MBNT;
Gene ID	9741
mRNA Refseq	NM_014713
Protein Refseq	NP_055528
UniProt ID	Q15012

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SDS-PAGE



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