

Recombinant Human LETM2 protein, GST-tagged

Cat. No. LETM2-550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LETM2 protein(1-277 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-277 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	MEEKQKKKMAVKLELAKFLQETMTEMARRNRAKMGDASTQLSSYVKQVQTGHKPS TKEIVRFSKLFEDQLALEHLDRPQLVALCKLLELQTFGTNNLLRFQLLMKLKSIKADDE IIAKEGVTALSVSELQAACRARGMRSGLTTEQLRQQLTEWQDLHLKENVPSSL SRTFYLIDVKPKPIEIPLSGEAPKTDILVELPTFTESKENMVDLAPQLKGTKDEDFIQPP PVTSSPITPSTPISLPKGPITSSEEPTLQAKSQMTAQNSKASSKGA
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.

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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.

GENE INFORMATION

Gene Name LETM2 leucine zipper-EF-hand containing transmembrane protein 2 [Homo sapiens]

Official Symbol LETM2

Synonyms

LETM2; leucine zipper-EF-hand containing transmembrane protein 2; LETM1 domain-containing protein LETM2, mitochondrial; FLJ25409; LETM1 and EF-hand domain-containing protein 2; leucine zipper-EF-hand containing transmembrane protein 1-like protein;

Gene ID 137994

mRNA Refseq NM_001199659

Protein Refseq NP_001186588

UniProt ID Q2VYF4

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SDS-PAGE

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