

Recombinant Full Length Rat Letm1 And Ef-Hand Domain-Containing Protein 1, Mitochondrial(Letm1) Protein, His-Tagged

Cat. No. RFL278RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat LETM1 and EF-hand domain-containing protein 1, mitochondrial(Letm1) Protein (Q5XIN6) (115-739aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (115-739)
Form	Lyophilized powder
AA Sequence	EDSMIEKSLKSLKDKNKKLEEGGPVYSPPAQVVVKSLGQKILDELKHYYHGFRLW IDT KIAARMLWRILNGHTLTRRERRQFLRICADLFRLVPFLVFVVVPFMEFLLPVVVKL FPNM LPSTFETQSIKEERLKKELRVKLELAKFLQDTIEEMALKNKAAGNATKDFSAF FQKIRE TGERPSNEEIMRFSKLFEDELTDNLTRPQLVALCKLLELQSIGTNNFLRFQ LTMRLRSI KADDKLISEEGVDSLTVKELQAACRARGMRALGVTEDRKLGQLKQWLD LHLYHEIPTSLL ILSRAMYLPDTLSPADQLKSTLQTLPEIVAKEAQVKAAEVEGEQVD NKAKLEATLQEEAA IQQEHLEELKRAAETAKDIQPEVAEATVPGRPGAELQPKMVD VIPPSEILKDTAPVLEGL KGEEITKEEIDILSDACSKLKEQKKSLTKEKEELELLKEDVQ DYSEDLQEIKKELSKTGD EKYIEESTASKRLSKRVQQMIGQIDGLITQLETTQQNGKL DPAAASSPTGESVISVDELI SAMKQIKHIPEHKLISLTSALDENKDGNNIDDLVKVIDL

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VNKEDVQISTTQVAEIVATL EKEEKVEEKEKAKEKAEKEAAEVKN

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Letm1

Synonyms Letm1; Mitochondrial proton/calcium exchanger protein; Leucine zipper-EF-hand-containing transmembrane protein 1

UniProt ID [Q5XIN6](#)

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