

# Recombinant Full Length *Xenopus tropicalis* Letm1 And Ef-Hand Domain-Containing Protein 1, Mitochondrial(Letm1) Protein, His-Tagged

Cat. No. RFL21442XF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Xenopus tropicalis</i> LETM1 and EF-hand domain-containing protein 1, mitochondrial(letm1) Protein (Q0VA06) (118-760aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Xenopus tropicalis</i> (Western clawed frog) ( <i>Silurana tropicalis</i> )
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	Full Length of Mature Protein (118-760)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>DSVVEKSLKSLKDKNKKLEEGGPVYSPVSEVETVKKSLGQKVIDEIKHYYHGFRLWIDT KIAARMLRQILNGHAMSRRRERRQFLRICADLFRLLVPFLVFVIVPFMEFLLPVALKLPNM LPSTFETFSSKKEERLKKELRVKLELAKFLQDTIEEIALRNKAAKGDVTAEFATF FQKIRS TGERPSNEEIVRFSKLFEDLTDNLTRPQLVALCKLLELQSIGTNNFLRFQLTMKLRSI KADDKLIADDEGLDSTVTELQAACRARGMRALGVTEEDRLKEQLKQWLEL HLDQEIPTSL LLSRALYLPDTLSPADQLKTTLQTLPEVAKAEQVKVAAVECEKVDN KTKLEATLQEEEA IRKENQEKEMERLADAAKESQQVAAKVDVQSAPEEAISGEMKT ATADTAAEPAVAQMSAS EQAEILKDTAPVLEGIKGEEITKEEIDILSDACTKLKEQKKL LTKEKEELSELKDDVQEY SEDLQEIKKELSKTGQEKVLQETKASKILTKRVNRMIGQ MDKIISELENEEKVLDEHIEK GSVPPVGENLVSINELISIMRHIQKIPEQKLQRIAAALD</p>

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	ENKDGKIDLDDVAKVVELIDK EDIDISTSQVAEIMELLQKEEKLAEEKEKAKEKVEKEQ AAEAQN
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	letm1
<b>Synonyms</b>	letm1; Mitochondrial proton/calcium exchanger protein; Leucine zipper-EF-hand-containing transmembrane protein 1
<b>UniProt ID</b>	<a href="#">Q0VA06</a>

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