

Recombinant Full Length *Xenopus tropicalis* Elongation Of Very Long Chain Fatty Acids Protein 5(Elov15) Protein, His-Tagged

Cat. No. RFL29253XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Elongation of very long chain fatty acids protein 5(lov15) Protein (Q5M8U1) (1-295aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-295)
Form	Lyophilized powder
AA Sequence	MEVLDKAVNGYIDHLLGPKDPRVRGWLLLDNYVPTILFTALYLFIVWRGPKYMQNRP PVS CRGILVVYNLGLTLLSLYMFYELVTGVWEGGYNFFCQDTNSGGDADTKIVRVL WWYYFSK LIEFMDTFFFILRKNNHQITVLHVYHHASMLNIWWFVMNWVPCGHSYFG ATLNSFIHVLM YSYYGLSAIPAMRPLYLWWKKYITQCQLTQFVLTMTQTTTCAMIWPCK FPMGWLYFQNCYMI SLIILFGNFYIKTYNKKTSRRKEYQNGSASAVNGHTNSFSSL EDNVKQRKQRQD
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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	elovl5
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Synonyms	elovl5; Elongation of very long chain fatty acids protein 5; 3-keto acyl-CoA synthase elovl5; ELOVL fatty acid elongase 5; ELOVL FA elongase 5; Very long chain 3-ketoacyl-CoA synthase 5; Very long chain 3-oxoacyl-CoA synthase 5
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UniProt ID	Q5M8U1
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