

Recombinant Full Length Rat Elongation Of Very Long Chain Fatty Acids Protein 7(Elov17) Protein, His-Tagged

Cat. No. RFL15009RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Elongation of very long chain fatty acids protein 7(Elov17) Protein (D4ADY9) (1-281aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-281)
Form	Lyophilized powder
AA Sequence	MAFSDLTSRTVRFYDNWIKDADPRVENWLLMSSPLPQTIILGLYVYFVTSLGPKLME NRK PFELKKAMITYNFFIVLFSVYMCYEFVMSGWGTGYSFRCDIVDYSQSPRAMRM VHTCWLY YFSKFIELFDTIFFVLRKKNSQVTFLHVFHHTIMPWTWWFGVKFAAGGL GTFHALLNTAV HVVMYFYFYLGLCAMGPAYQKYLWWKKHLTSLQLVQFVLTVHIGQI FFMEDCNQYPVFLY IIMSYGCIFLLLFLHFWYRAYTKGQRLPKTMENGNCKSKHH
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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.
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	Elov17
Synonyms	Elov17; Elongation of very long chain fatty acids protein 7; 3-keto acyl-CoA synthase Elov17; ELOVL fatty acid elongase 7; ELOVL FA elongase 7; Very long chain 3-ketoacyl-CoA synthase 7; Very long chain 3-oxoacyl-CoA synthase 7
UniProt ID	D4ADY9