

# Recombinant Full Length Rat Long-Chain-Fatty-Acid--Coa Ligase 5(Acsl5) Protein, His-Tagged

Cat. No. RFL-23345RF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Rat Long-chain-fatty-acid--CoA ligase 5(Acsl5) Protein (O88813) (1-683aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-683)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MLFIFNFLFSPLPTPALICLLTFGTAIFLWLINRPQPVLPPLIDLNDQSVGIEGGARRGAF            QKNNDLILYYFSDAKTLYEVFQRGLAVSDNGPCLGYRKPNQPYKWISYKQVSDRAE            YLGSCLLHKGYPKPSQDQFIGIFAQNRPEWVISELACYTYSMVAVPLYDTLGAEAIYVI            NRADISVVICDTPQKATMLIENVEKDLTPGLKTVILMDPFDDDLMKRGEKCGIEMLSL            HDAENLGKENFKKPMPPNPEDLSVICFTSGTTGDPKGAMLTHQNIVSNMAAFLKFLE            PIFQPTPEDVTISYLPLAHMFERLVQGVIFSCGGKIGFFQGDIRLLPDDMKALKPTVFP            TVPRLLNRVYDKVQNEAKTPLKKFLLNLAISKFNEVRNGIIRNSLWDKLVFSKIQSS            LGGKVRLMITGAAPISTPVLTFRAAMGCWVFEAYGQTECTAGCSITSPGDWTAGH            VGTPVSCNFVKLEDVADMNYFSVNNEGEICIKGNNVFKGYLKDPEKTQEVLDKDGW            LHTGDIGRWLPNGTLKIIDRKKNIFKLAQGEYIAPEKIENVYSRSPILQVVFVHGESLR            SFLIGVVVPDPESLPSFAAKIGVKGSFEELCQNQCVKKAILEDLQVKGKEGGLKSFEQ            VKSIFVHPEPFSIENGLLTPTLAKRVELAKFFQTQIKSLYESIEE</p>

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	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>	Acs15
<b>Synonyms</b>	Acs15; Acs5; Fac15; Long-chain-fatty-acid--CoA ligase 5; Arachidonate--CoA ligase; Long-chain acyl-CoA synthetase 5; LACS 5
<b>UniProt ID</b>	<a href="#">O88813</a>

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