

Recombinant Full Length Human Long-Chain-Fatty-Acid--CoA Ligase 3(Acsl3) Protein, His-Tagged

Cat. No. RFL-34899HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Long-chain-fatty-acid--CoA ligase 3(ACSL3) Protein (O95573) (1-720aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-720)
Form	Lyophilized powder
AA Sequence	MNNHVSSKPSTMKLKHTINPILLYFIHFLISLYTILTYIPFYFFSESQRQEKSNRIKAKPVN SKPDSAYRSVNSLDGLASVLYPGCDTLDKVFTYAKNKFKNRLLGTREVLNEEDEV QPNGKIFKKVILGQYNWLSYEDVFVRAFNFNGNLQMLGQKPKTNIAIFCETRAEWMI AAQACFMYNFQLVTLYATLGGAIVHALNETEVTNIITSKELLQTKLKDIVSLVPRLRHI ITVDGKPPTWSEFPKGIIVHTMAAVEALGAKASMENQPHSKPLPSDIIVIMYTSGSTG LPKGVMISHSNIIAGITGMAERIPELGEEDVYIGYLPLAHVLELSAELVCLSHGCRIGYS SPQTLADQSSKIKKSGKGDTSMLKPTLMAAVPEIMDRIYKNVMNKVSEMSSSFQRNLF ILAYNYKMEQISKGRNTPLCDSFVFRKVRSLGNGNIRLLCGGAPLSATTQRFMNICF CCPVGQGYGLTESAGAGTISEVWDYNTGRVGAPLVCCEIKLNWEEGGYFNTDKP HPRGEILIGGQSVTMGYKNEAKTKADFFEDENGQRWLCTGDIGEFEPDGCLKIIDR KKDLVKLQAGEYVSLGKVEAALKNLPLVDNICAYANSYHSYVIGFVVPNQKELTELAR KKGLKGTWEELCNSCEMENEVLKVLSEAAISASLEKFEIPVKIRLSPEPWTPETGLVT

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	DAFKLKRKELKTHYQADIERMYGRK
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.
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	ACSL3
Synonyms	ACSL3; ACS3; FACL3; LACS3; Fatty acid CoA ligase Acsl3; Arachidonate--CoA ligase; Long-chain acyl-CoA synthetase 3; LACS 3; Long-chain-fatty-acid--CoA ligase 3; Medium-chain acyl-CoA ligase Acsl3
UniProt ID	O95573

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