

Long-chain-fatty-acid--CoA ligase 1 (ACSL1) Recombinant Protein | ACSL1 recombinant protein

Recombinant Human Long-chain-fatty-acid--CoA ligase 1 (ACSL1), partial, Biotinylated

CATALOG #
AAA113835

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Long-chain-fatty-acid--CoA ligase 1 (ACSL1); Recombinant Human Long-chain-fatty-acid--CoA ligase 1 (ACSL1); partial; Biotinylated; Recombinant Human Long-chain-fatty-acid--CoA ligase 1 (ACSL1) (His tagged); Long-chain-fatty-acid--CoA ligase 1; EC=6.2.1.3; Acyl-CoA synthetase 1; ACS1; Long-chain acyl-CoA synthetase 1; LACS 1; Long-chain acyl-CoA synthetase 2; LACS 2; Long-chain fatty acid-CoA ligase 2; Palmitoyl-CoA ligase 1; Palmitoyl-CoA ligase 2; ACSL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	46-698aa; Partial
Sequence	TRPKPLKPPC DLMSQSVEVA GSGGARRSAL LDSDEPLVYF YDDVTTLTYEG FQRGIQVSNN GPCLGSRKPD QPYEWLSYKQ VAELSECIGS ALIQKGFKTA PDQFIGIFAQ NRPEWVIEQ GCFAYSMVIV PLYDTLGNEA ITYIVNKAEL SLVFVDKPEK AKLLEGVEN KLIPGLKIIV VMDAYGSELV ERGQRCGVEV TSMKAMEDLG RANRRKPKPP APEDLAVICF TSGTTGNPKG AMVTHRNIVS DCSAFVKATE NTVNPCDDT LISFLPLAHM FERVVECVML CHGAKIGFFQ GDIRLLMDDL KVLQPTVFPV VPRLLNRMFD RIFGQANTTL KRWLDFASK RKEAELRSGI IRNNSLWDR LIFHKVQSSLG GRVRLMVTGA APVSATVLT LRAALGCQFY EGYGQTECTA GCCLTMPGDW TAGHVGAPMP CNLIKLVDE EMNYMAAEGE GEVCVKGPV FQGYLKDPAK TAEALDKDW LHTGDIGKWL PNGTLKIIR KKHIFKLAQG EYIAPEKIEN IYMRSEPVAQ VEVHGESLQA FLIAIVPDV ETLCSWAQKR GFEGSFEELC RNKDVKKAIL EDMVRLGKDS GLKPFEQVKG ITHPELFSI DNGLLTPTMK AKRPELRNYF RSQIDDLYST IKV
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807491
NCBI GeneID	2180
NCBI Accession #	NP_001986.2
NCBI GenBank Nucleotide #	NM_001995.2
UniProt Accession #	P33121; P41215; Q8N8V7; Q8TA99; D3DP57
Molecular Weight	77,943 Da
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase 1
NCBI Official Synonym Full Names	acyl-CoA synthetase long-chain family member 1
NCBI Official Symbol	ACSL1

NCBI Official Synonym Symbols	ACSL1; LACS; FACL1; FACL2; LACS1; LACS2
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 1; LACS 1; LACS 2; acyl-CoA synthetase 1; palmitoyl-CoA ligase 1; palmitoyl-CoA ligase 2; paltimoyl-CoA ligase 1; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 1; long-chain acyl-CoA synthetase 2; long-chain fatty acid-CoA ligase 2; long-chain fatty-acid-coenzyme A ligase 1; fatty-acid-Coenzyme A ligase, long-chain 1; fatty-acid-Coenzyme A ligase, long-chain 2
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 1
UniProt Gene Name	ACSL1
UniProt Synonym Gene Names	FACL1; FACL2; LACS; LACS1; LACS2; ACS1; LACS 1; LACS 2
UniProt Entry Name	ACSL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/acsl1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113835>