

Acyl Coenzyme A Synthetase Long Chain Family, Member 4 Recombinant Protein | ACSL4 recombinant protein

Recombinant Acyl Coenzyme A Synthetase Long Chain Family, Member 4 (ACSL4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150259	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

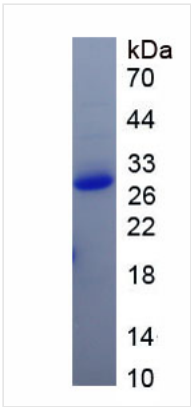
PRODUCT SYNONYMS

Acyl Coenzyme A Synthetase Long Chain Family; Member 4; Recombinant Acyl Coenzyme A Synthetase Long Chain Family; Member 4 (ACSL4); ACS4; FACL4; LACS4; MRX63; MRX68; Fatty-Acid-Coenzyme A Ligase; Long-Chain 4; Mental Retardation; X-Linked 63; Lignoceroyl-CoA Synthase; ACSL4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 1800ug/mL (varies by lot)
Applicable Applications for ACSL4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys459~Lys670
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

KD HQEGGYTHD KPIPRGEIVI GQNIISNGYF KNEEKTAEDY SVDENGRIHF CTGDIQEFHP DGCLQIIDRK
KDLVKLQAGE YYSLGKVEAA LKNCPLIINI CAFAKSDQSY VISFVVPNQK KLTLAQKQK VEGSWVDICN NPAMEAIELK
EIREAANAMK LERFEIPIKV RLSPEPWTP E TGLVTDFAKL KRKELKINHYL KDIERMYGKK

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ACSL4 recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758426
NCBI GeneID	113976
NCBI Accession #	NP_446075.1
NCBI GenBank Nucleotide #	NP_446075.1
UniProt Accession #	O35547
Molecular Weight	Predicted Molecular Mass: 27.7kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase 4
NCBI Official Synonym Full Names	acyl-CoA synthetase long-chain family member 4
NCBI Official Symbol	Acsl4
NCBI Official Synonym Symbols	Acs4; FacI4
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 4
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 4
UniProt Gene Name	Acsl4
UniProt Synonym Gene Names	Acs4; FacI4; LACS 4
UniProt Entry Name	ACSL4_RAT

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.