

Recombinant Human ACSL3 protein, His-tagged

Cat. No. ACSL3-3787H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSL3 protein(42-160 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	42-160 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	YFFSESQRQEKSNRIKAKPVNSKPDSAYRSVNSLDGLASVLYPGCDTLDKVFTYAKNK FKNKRLTGTTREVLNEEDEVQPNGKIFKKVILGQYNWLSYEDVFVRAFNFGNGLQML GQKPKT
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GENE INFORMATION

Gene Name	ACSL3 acyl-CoA synthetase long-chain family member 3 [Homo sapiens]
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Official Symbol	ACSL3
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Synonyms	ACSL3; acyl-CoA synthetase long-chain family member 3; FACL3, fatty acid Coenzyme A ligase, long chain 3; long-chain-fatty-acid--CoA ligase 3; ACS3; PRO2194; LACS 3; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 3; fatty-acid-Coenzyme A ligase, long-chain 3; FACL3;
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Gene ID	2181
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mRNA Refseq	NM_004457
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Protein Refseq	NP_004448
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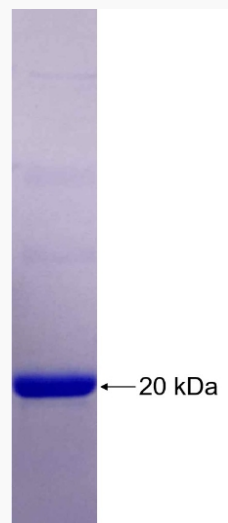
MIM	602371
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UniProt ID	O95573
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SDS-PAGE

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