

Recombinant Human ACSL4 protein, His-tagged

Cat. No. ACSL4-0414H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSL4 protein(143-236 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	143-236 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	LGKEAVVHGLNESEASYLITSVELLESKLTALLDISCVKHIIYVDNKAINKAEYPEGF IHSMQSVEELGSPENLGIPPSRPTPSDMAIVMY
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [ACSL4 acyl-CoA synthetase long-chain family member 4 \[Homo sapiens \]](#)

Official Symbol [ACSL4](#)

Synonyms ACSL4; acyl-CoA synthetase long-chain family member 4; FAFL4, fatty acid Coenzyme A ligase, long chain 4 , mental retardation, X linked 63 , mental retardation, X linked 68 , MRX63, MRX68; long-chain-fatty-acid--CoA ligase 4; long chain fatty acid Coenzyme A ligase 4; ACS4; LACS4; lignoceroyl CoA synthase; LACS 4; acyl-CoA synthetase 4; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 4; long-chain fatty-acid-Coenzyme A ligase 4; fatty-acid-Coenzyme A ligase, long-chain 4; FAFL4; MRX63; MRX68;

Gene ID [2182](#)

mRNA Refseq [NM_004458](#)

Protein Refseq [NP_004449](#)

MIM [300157](#)

UniProt ID [O60488](#)

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