

Recombinant Human ACSL4 protein, GST-tagged

Cat. No. ACSL4-5422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSL4 protein(143-236 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	143-236 aa
Tag	N-GST
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.

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AA Sequence

LGKEAVVHGLNESEASYLITSVELLESKLKTALLDISCVKHIIYVDNKAINKAEYPEGFE
IHSMQSVEELGSPENLGIPPSRPTPSDMAIVMY

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; FACL4, 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; FACL4; MRX63; MRX68;

Gene ID

2182

mRNA Refseq

NM_004458

Protein Refseq

NP_004449

MIM

300157

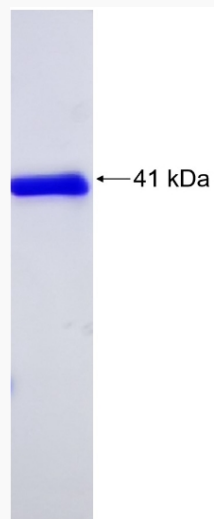
UniProt ID

O60488

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SDS-PAGE

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