

Recombinant Human ACSL4 protein, MYC/DDK-tagged

Cat. No. ACSL4-9074H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSL4 transcript variant 1, fused with MYC/DDK at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	74.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

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

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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](#)

Chromosome Location Xq22.3-q23

Pathway Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, conserved biosystem;

Function ATP binding; arachidonate-CoA ligase activity; ligase activity; long-chain fatty acid-CoA ligase activity; nucleotide binding;

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