

Recombinant Human ACSL4 protein, MYC/DDK-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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

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|------------------------|--|
| 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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