

Recombinant Mouse Acsl4 Protein, Myc/DDK-tagged

Cat. No. Acsl4-1507M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length acyl-CoA synthetase long-chain family member 4 (Acsl4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates.
Molecular Mass	79.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Acs14 acyl-CoA synthetase long-chain family member 4 [Mus musculus (house mouse)]
Official Symbol	Acs14
Synonyms	ACSL4; acyl-CoA synthetase long-chain family member 4; long-chain-fatty-acid--CoA ligase 4; mACS4; LACS 4; long-chain acyl-CoA synthetase 4; fatty acid-Coenzyme A ligase, long chain 4; ACS4; Fac14; Lacs4; AU018108; 9430020A05Rik
Gene ID	50790
mRNA Refseq	NM_207625
Protein Refseq	NP_997508
UniProt ID	Q9QUJ7

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