Recombinant Mouse Acsl6 Protein, His-tagged

Cat. No. Acsl6-60M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acsl6 Protein (Gly451-Val697) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly451-Val697
Description	Enables long-chain fatty acid-CoA ligase activity. Acts upstream of or within neuroblast proliferation. Located in mitochondrion. Is expressed in heart; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in acute myeloid leukemia and leukemia. Orthologous to human ACSL6 (acyl-CoA synthetase long chain family member 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.5 kDa Accurate Molecular Mass: 32 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Acsl6 acyl-CoA synthetase long-chain family member 6 [Mus musculus (house mouse)]
Official Symbol	Acsl6
Synonyms	ACSL6; acyl-CoA synthetase long-chain family member 6; long-chain-fatty-acid--CoA ligase 6; LACS 6; long-chain acyl-CoA synthetase 6; fatty acid Coenzyme A ligase, long chain 6; LACS; Facl6; Lacsl; AW050338; mKIAA0837; A330035H04Rik; MGC36650
Gene ID	216739
mRNA Refseq	NM_001033597
Protein Refseq	NP_001028769
UniProt ID	Q91WC3

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