

Recombinant Human ACSL6 Protein, His-tagged

Cat. No. ACSL6-59H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSL6 Protein (Ala393-Met697) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala393-Met697
Description	The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.6 kDa Accurate Molecular Mass: 38 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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 [Homo sapiens (human)]
Official Symbol	ACSL6
Synonyms	ACSL6; acyl-CoA synthetase long-chain family member 6; FACL6, fatty acid Coenzyme A ligase, long chain 6; long-chain-fatty-acid--CoA ligase 6; ACS2; KIAA0837; LACS2; LACS5; long fatty acyl-CoA synthetase 2; fatty-acid-Coenzyme A ligase, long-chain 6; FACL6; LACS 6; FLJ16173
Gene ID	23305
mRNA Refseq	NM_001009185
Protein Refseq	NP_001009185
MIM	604443

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UniProt ID

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