

Recombinant Human ACSL6 Protein, GST-tagged

Cat. No. ACSL6-202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSL6 full-length ORF (AAH47453, 1 a.a. - 622 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Apr 2011]
Molecular Mass	94.16 kDa
AA Sequence	MQTQEILRILRLPELGLGQFFRSLSATTLDSGGARRSVIGSGPQLLTHYYDDARTM YQVFRRGLSISGNGPCLGFRKPKQPYQWLSYQEVADRAEFLGSGLLQHNCKACTD QFIGVFAQNRPEWIIVELACYTYSMVVPLYDTLGPGAIRYIINTADISTVIVDKPQKAV LLEHVERKETPGLKLIILMDPFEEALKERGQKCGVVIKSMQAVEDCGQANHQPVP PQPDDLIVCFTSGTTGNPKGAMLTGNNVADFSGFLKVTEGDIRLLSDDMKALCPT IFPVVPRLLNRMYSQANTPLKRWLLEFAAKRKQAEVRSGIIRNDSIWDELFFNKI QASLGGCVRMIVTGAAPASPTVLGFLRAALGCQVYEGYGQTECTAGCTFTTPGDW

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TSGHVGAPLPCNHIKLV DVEELNYWACKGEGEICVRGPNVFKGYLKDPDRTKEALD
SDGWLHTGDIGKWLPAGTLKIIDRKKHIFKLAQGEYVAPEKIENIYIRSQPVAQIYVHG
DSLKAFLVGIVVPDPEVMPSWAQKRGIEGTYADLCTNKNLKKAILEDMVRLGKESGL
HSFEQVKAIHIHSDMFSVQNGLLTPTLKA KRPELREYFKKQIEELYSISM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ACSL6 acyl-CoA synthetase long-chain family member 6 \[Homo sapiens \]](#)

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](#)

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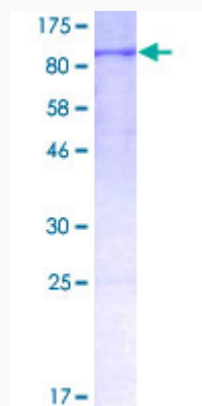
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Protein Refseq NP_001009185

MIM 604443

UniProt ID Q9UKU0



12.5% SDS-PAGE Stained with Coomassie Blue.

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