

Product datasheet for **TP316974**

ACSL6 (NM_015256) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA synthetase long-chain family member 6 (ACSL6), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	Recombinant protein was produced with TrueORF clone, RC216974.
Tag:	C-Myc/DDK
Predicted MW:	80.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056071
Locus ID:	23305
UniProt ID:	Q9UKU0 , B4DFW3
RefSeq Size:	3047
Cytogenetics:	5q31.1
RefSeq ORF:	2166
Synonyms:	ACS2; FACL6; LACS2; LACS5; LACS 6



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Summary:

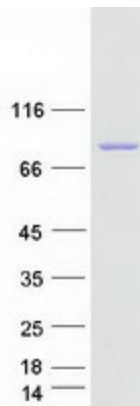
The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute 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]

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Adipocytokine signaling pathway, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway

Product images:

Coomassie blue staining of purified ACSL6 protein (Cat# TP316974). The protein was produced from HEK293T cells transfected with ACSL6 cDNA clone (Cat# [RC216974]) using MegaTran 2.0 (Cat# [TT210002]).