

Recombinant Human ACSF2 Protein, His-tagged

Cat. No. ACSF2-49H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSF2 Protein (Cys322-Leu615) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys322-Leu615
Description	Enables medium-chain fatty acid-CoA ligase activity. Predicted to be involved in fatty acid metabolic process. Predicted to be located in mitochondrial matrix.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.7 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

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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	ACSF2 acyl-CoA synthetase family member 2 [Homo sapiens (human)]
Official Symbol	ACSF2
Synonyms	ACSF2; acyl-CoA synthetase family member 2; acyl-CoA synthetase family member 2, mitochondrial; ACSMW; FLJ20920; PPARG binding, long chain fatty acid acyl Co-A ligase like; AVYV493
Gene ID	80221
mRNA Refseq	NM_025149
Protein Refseq	NP_079425
MIM	610465
UniProt ID	Q96CM8

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