

Recombinant Rat Acsf2 Protein, His-tagged

Cat. No. Acsf2-50R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Acsf2 Protein (Thr375-Leu615) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr375-Leu615
Description	Predicted to enable medium-chain fatty acid-CoA ligase activity. Predicted to be involved in fatty acid metabolic process. Predicted to be located in mitochondrion. Orthologous to human ACSF2 (acyl-CoA synthetase family member 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.9 kDa Accurate Molecular Mass: 31 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 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

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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

[Acsf2 acyl-CoA synthetase family member 2 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Acsf2](#)

Synonyms

ACSF2; acyl-CoA synthetase family member 2; acyl-CoA synthetase family member 2, mitochondrial

Gene ID

[619561](#)

mRNA Refseq

[NM_001034951](#)

Protein Refseq

[NP_001030123](#)

UniProt ID

[Q499N5](#)

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