

Recombinant Human ACSM3 Protein, GST-tagged

Cat. No. ACSM3-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSM3 partial ORF (NP_973729.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ACSM3 (Acyl-CoA Synthetase Medium-Chain Family Member 3) is a Protein Coding gene. Diseases associated with ACSM3 include Hypertension, Essential. Among its related pathways are Mitochondrial Fatty Acid Beta-Oxidation and Metabolism. GO annotations related to this gene include butyrate-CoA ligase activity and fatty acid ligase activity. An important paralog of this gene is ACSM4.
Molecular Mass	36.63 kDa
AA Sequence	MLARVTRKMLRHAKCFQRLAIFGSVRALHKDNRTATPQNFSNYESMKQDFKLGPIE YFNFAKDVLQWTDKEKAGKKPSNPAFWWINRNGEEMRWSFEE
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.

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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 [ACSM3 acyl-CoA synthetase medium-chain family member 3 \[Homo sapiens \]](#)

Official Symbol [ACSM3](#)

Synonyms

ACSM3; acyl-CoA synthetase medium-chain family member 3; SA (rat hypertension associated) homolog , SA hypertension associated homolog (rat) , SAH; acyl-coenzyme A synthetase ACSM3, mitochondrial; SA; protein SA homolog; butyrate--CoA ligase 3; butyryl-coenzyme A synthetase 3; SA hypertension-associated homolog; middle-chain acyl-CoA synthetase 3; SA (rat hypertension-associated) homolog; SAH;

Gene ID [6296](#)

mRNA Refseq [NM_005622](#)

Protein Refseq [NP_005613](#)

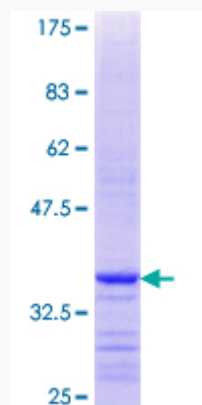
MIM [145505](#)

UniProt ID [Q53FZ2](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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