

Recombinant Full Length Human ACSM5 Protein, GST-tagged

Cat. No. ACSM5-810HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACSM5 full-length ORF (AAH68516.1, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	579 amino acids
Description	ACSM5 (Acyl-CoA Synthetase Medium-Chain Family Member 5) is a Protein Coding gene. Among its related pathways are Metabolism and Cytochrome P450 - arranged by substrate type. GO annotations related to this gene include GTP binding and butyrate-CoA ligase activity. An important paralog of this gene is ACSM4.
Molecular Mass	91.1 kDa
AA Sequence	MRPWLRHLVL QALRNSRAFC GSHGKPAPLP VPQKIVATWE AISLGRQLVP EYFNFAHDVL DVWSRLEEAG HRPPNPAFWW VNGTGAEIKW SFEELGKQSR KAANVLGGAC GLQPGDRMML VLPRLPEWWL VSVACMRTGT VMIPGVTQLT EKDLKYRLQA SRAKSIITSD SLAPRVDAIS AECPSLQTKL LVSDSSRPGW LNFRELLREA STEHNCMRTK SRDPLAIYFT SGTGAPKMV EHSQSSYGLG FVASGRRWVA LTESDIFWNT TDTGWVKA AW TLFSAWPNGS CIFVHELPRV DAKVILNTLS KFPITTLCCV PTIFRLLVQE DLTRYQFQSL RHCLTGGEAL NPDVREKWKH QTGVELYEGY GQSETVVICA NPKGMKIKSG SMGKASPPYD VQIVDDEGNV LPPGEEGNVA VRIRPTRPFC FFNCYLDNPE KTAASEQGDF

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YITGDRARMD KDG YFWFMGR NDDVINSSSY RIGPVEVESAE LAEHPAVLES
 AAVSSPDPIR GEVVKAFIVL TPAYSSHDPE ALTRELQEHV KRVTAPYKYP
 RKVAFVSELP KTVSGKIQRS KLRSQEWGK

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

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 [ACSM5 acyl-CoA synthetase medium-chain family member 5 \[Homo sapiens \]](#)

Official Symbol [ACSM5](#)

Synonyms ACSM5; acyl-CoA synthetase medium-chain family member 5; acyl-coenzyme A synthetase ACSM5, mitochondrial; FLJ20581

Gene ID [54988](#)

mRNA Refseq [NM_017888](#)

Protein Refseq [NP_060358](#)

MIM [614361](#)

UniProt ID [Q6NUN0](#)

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