

Recombinant Full Length Human ACSM1 Protein, GST-tagged

Cat. No. ACSM1-806HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACSM1 full-length ORF (BAG36941.1, 1 a.a. - 577 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	577 amino acids
Description	ACSM1 (Acyl-CoA Synthetase Medium-Chain Family Member 1) 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 fatty acid ligase activity. An important paralog of this gene is ACSM4.
Molecular Mass	89.87 kDa
AA Sequence	<p> MQWLRFRTL WGIHKSFHNI HPAPSQLRCR SLSEFGAPRW NDYEVPEEFN FASYVLDYWA QKEKEGKRGP NPAFWVWNGQ GDEVKWSFRE MGDLTRRVAN VFTQTCGLQQ GDHLALMLPR VPEWWLVAVG CMRTGIIFIP ATILLKAKDI LYRLQLSKAK GIVTIDALAS EVDSIASQCP SLKTKLLVSD HSREGWLDFR SLVKSASPEH TCVKSKTLDP MVIFFTS GTT GFPKMAKHS GLALQPSFPG SRKLRSLKTS DVSWCLSDSG WIVATIWTLV EPWTAGCTVF IHHL PQFDTK VIIQTLLKYP INHFWGVSSI YRMILQQDFT SIRFPAP EHC YTGGEVVLPK DQEEWKRR TG LLLYENYGQS ETGLICATYW GMKIKPGFMG KATPPYDVQV IDDKGSILPP NTEGNIGIRI KPVRPVSLFM CYEGDPEKTA KVECGDFYNT </p>

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GDRGKMDEEG YICFLGRSDD IINASGYRIG PAEVESALVE HPAVAESAVV
GSPDPIRGEV VKAFIVLTPQ FLSHDKDQLT KELQQHVKSV TAPYKYPRKV
EFVSELPKTI TGKIERKELR KKETGQM

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 [ACSM1 acyl-CoA synthetase medium-chain family member 1 \[Homo sapiens \]](#)

Official Symbol [ACSM1](#)

Synonyms BUCS1; MACS1

Gene ID [116285](#)

mRNA Refseq [NM_052956.2](#)

Protein Refseq [NP_443188.2](#)

MIM [614357](#)

UniProt ID [Q08AH1](#)

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