

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	MQWLMRFRTL 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 SRKLRLSKTS DVSWCLSDSG WIVATIWTLV EPWTAGCTVF IHHLPQFDTK VIIQTLLKYP INHFWGVSSI YRMILQQDFT SIRFPAPEHC YTGGEVVLPK DQEEWKRRGT LLLYENYGQS ETGLICATYW GMKIKPGFMG KATPPYDVQV IDDKGSILPP NTEGNIGIRI KPVRPVSLFM CYEGDPEKTA KVECGDFYNT

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GDRGKMDEEG YICFLGRSDD IINASGYRIG PAEVESALVE HPAVAESAVV
 GSPDPIRGEV VKAFIVLTPQ FLSHDKDQLT KELQQHVKS SV 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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