

Recombinant Human ACSM1 Protein, GST-tagged

Cat. No. ACSM1-203H **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	Wheat Germ
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	MQWLMRFRTLWGIHKSFHNIHPAPSQLRCRSLSEFGAPRWNDYEVPEEFNFASYVL DYWAQKEKEGKRGPNPAFWVWNGQGDEVKWSFREMGDLTRRVANVFTQTCGLQ QGDHLALMLPRVPEWWLVAVGCMRTGIIFIPATILLKAKDILYRLQLSKAKGIVTIDALA SEVDSIASQCPSLKTLLVSDHSREGWLDFRSLVKSASPEHTCVKSKTLDPMVIFFT SGTTGFPKMAKSHSHGLALQPSFPGSRKLRSLKTSVSWCLSDSGWIVATIWTLP WTAGCTVFIHHPQFDTKVIIQTLLKYPINHFVGVSSIYRMILQQDFTSIRFPAP EHCYTGGVVLPKDQEEWKRRRTGLLLYENYGQSETGLICATYWGMKIKPGFMGKATPPYD VQVIDDKGSILPPNTEGNIGIRIKPVRPVSLFMCYEGDPEKTAKVECGDFYNTGDRGK MDEEGYICFLGRSDDIINASGYRIGPAEVESALVEHPAVAESAVVGSPDPIRGEVKA FIVLTPQFLSHDKDQLTKELQQHVKSVTAPYKYPRKVEFVSELPKTITGKIERKELRKK

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	ETGQM
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.
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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