

Acetyl-coenzyme A synthetase, cytoplasmic (Acss2) Recombinant Protein | Acss2 recombinant protein

Recombinant Mouse Acetyl-coenzyme A synthetase, cytoplasmic (Acss2)

CATALOG # AAA116701	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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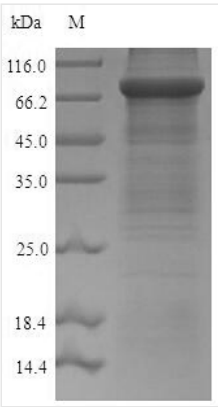
PRODUCT SYNONYMS

Acetyl-coenzyme A synthetase; cytoplasmic (Acss2); Recombinant Mouse Acetyl-coenzyme A synthetase; cytoplasmic; EC=6.2.1.1; Acetate--CoA ligase; Acetyl-CoA synthetase; ACS; AceCS; Acyl-CoA synthetase short-chain family member 2; Acyl-activating enzyme; Acss2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-701. Full Length Protein
Sequence	MGLPEERRKS GSGSRAREET GAEGRVRGWS PPPEVRRSAH VPSLQRYREL HRRSVEEPRE FWGNIAKEFY WKTACPGPFL QYNFDVTKGK IFEWMKGAT TNICYNVLDL NVHEKKLGDK VAFYWEGNEP GETTKITYRE LLVQVCQFSN VLRKQGIQKG DRVAIYMPMI LELVVAMLAC ARLGALHSIV FAGFSAESLC ERILDSSCCL LITDAFYRG EKLVLNKELA DESLEKCREK GFPVRCCIVV KHLGRAELGM NDSPSQSPPV KRPCPDVQIC WNEGVDLWWH ELMQQAGDEC EPEWCDAEDP LFILYTSGST GKPKGVVHTI GGYMLYVATT FKYVDFHPE DVFWCTADIG WITGHSYVTY GPLANGATSV LFEGIPTYPD EGRLWSIVDK YKVTKFYTAP TAIRMLMKFG DDPVTKHSRA SLQVLGTVE PINPEAWLWY HRVVGSRQCP IVDTFWQTET GGHMLTPLPG ATPMKPGSAS FPFPGVAPAI LNESGEELEG EAEGYLVFKQ PWP GIMRTVY GNHTRFETTY FKKFPGYYVT GDGCRRDQDG YYWITGRIDD MLNVSGHLLS TAEVESALVE HEAVAEAAVV GHPHPVKGEC LYCFVTLCDG HTFSPTLTEE LKKQIREKIG PIATPDYIQN APGLPKTRSG KIMRRVLRKI AQNDHDLGDT STVADPSVIN HLFSHRCLTT Q
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Acss2 recombinant protein	Activates acetate so that it can be used for lipid synthesis or for energy generation.
Product Categories/Family for Acss2 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	31980996
NCBI GeneID	60525
NCBI Accession #	NP_062785.2
NCBI GenBank Nucleotide #	NM_019811.3
UniProt Accession #	Q9QXG4; Q8BK97
Molecular Weight	82.9 kDa
NCBI Official Full Name	acetyl-coenzyme A synthetase, cytoplasmic
NCBI Official Synonym Full Names	acyl-CoA synthetase short-chain family member 2
NCBI Official Symbol	Acss2
NCBI Official Synonym Symbols	ACAS; Acs1; Acas1; Acas2; AceCS1; 1110017C11Rik
NCBI Protein Information	acetyl-coenzyme A synthetase, cytoplasmic; ACS; aceCS; acetate--CoA ligase; acyl-activating enzyme; acetyl-CoA synthetase 1; acetyl-Coenzyme A synthetase 1 (AMP forming); acetyl-Coenzyme A synthetase 2 (ADP forming); acetyl-Coenzyme A synthetase 2 (AMP forming)
UniProt Protein Name	Acetyl-coenzyme A synthetase, cytoplasmic
UniProt Gene Name	Acss2
UniProt Synonym Gene Names	Acas2; Acecs1; ACS; AceCS
UniProt Entry Name	ACSA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.