

Recombinant Rat Acsm2a, His-tagged

Cat. No. Acsm2a-3135R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Acyl-coenzyme A synthetase ACSM2, mitochondrial (Acsm2)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	572
Description	may bind AMP; may be involved in kidney function .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Acsm2a recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name [Acsm2a acyl-CoA synthetase medium-chain family member 2A \[Rattus norvegicus \]](#)

Official Symbol Acsm2a

Synonyms Acsm2; KS; Acsm2; acyl-coenzyme A synthetase ACSM2, mitochondrial; butyrate--CoA ligase 2; kidney-specific protein KS; kidney-specific protein (KS); butyryl coenzyme A synthetase 2; butyryl-coenzyme A synthetase 2; middle-chain acyl-CoA synthetase 2; xenobiotic/medium-chain fatty acid:CoA ligase; acyl-CoA synthetase medium-chain family member 2

Gene ID [246263](#)

mRNA Refseq [NM_144748](#)

Protein Refseq [NP_653349](#)

UniProt ID [O70490](#)

Chromosome Location 1q35

Pathway Amino Acid conjugation, organism-specific biosystem; Biological oxidations, organism-specific biosystem

Function ATP binding; butyrate-CoA ligase activity; butyrate-CoA ligase activity

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