



# Recombinant Mouse Acyl-coenzyme A synthetase ACSM1, mitochondrial (Acsm1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP835560MO  |
| <b>Abbreviation</b>      | Acsm1   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q91VA0  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | WNDHD SPEEFNFASD VLDYWAQMEE EGKRGPSPAF WWVNGQGDEI<br>KWSFRKLRDL TCRTANVFEQ ICGLQQGDHL ALILPRVPEW WLVTVGCMRT<br>GIIFMPGTTQ LKAKDILYRI QISRAKAVT TASLVPEVES VASECPDLKT<br>KLVVSDHSHE GWLDFCSLIK SASPDHTCIK SKMKDPMAIF FTSGTTGYPK<br>MAKHNQGLAF RSYIPSCRKL LKLKTSDILW CMSDPGWILA TVGCLIEPWT<br>SGCTVFIHHL PQFDPKVIVE VLFKYPITQC LAAPGVYRMV LQQKTSNLRP<br>PTLEHCTTGG ESSLPEEYEQ WKQRTGLSIH EVYGQSETGI SSATLREMKI<br>KRGSIGKAIL PFDLQIIDEK GNILPPNTEG YIGIRIKPTR PLGLFMEYEN<br>SPESTSEVEC GDFYNSGDRA TIDEEGYIWF LGRGDDVINA SGYRIGPVEV<br>ENALAEHPAV AESAVVSSPD KDRGEVVKAF IVLNPEFLSH DQEQLIKELQ<br>HHVKSVTAPY KYPRKVEFVS ELPKTVTGKI KRKELRNKEF GQL |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | Acsm1   |
| <b>Protein Names</b>     | Recommended name: Acyl-coenzyme A synthetase ACSM1, mitochondrial EC=6.2.1.2 Alternative name(s): Acyl-CoA synthetase medium-chain family member 1 Butyrate--CoA ligase 1 Butyryl-coenzyme A synthetase 1 Lipoate-activating enzyme   |
| <b>Expression Region</b> | 36-573  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.   |



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