



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

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| <b>Product Code</b>      | CSB-EP600559HU   |
| <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>       | Q08AH1   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | LSEFGAPRW NDYEVPEEFN FASYVLDYWA QKEKEGKRGP NPAFWVWVNGQ<br>GDEVKWSFRE MGDLTRRVAN VFTQTCGLQQ GDHLALMLPR<br>VPEWWLVAVG CMRTGIIFIP ATILLKAKDI LYRLQLSKAK GIVTIDALAS<br>EVDSIASQCP SLKTKLLVSD HSREGWLDLFR SLVKSASPEH TCVKSKTLDP<br>MVIFFTS GTT GFPKMAKSHS GLALQPSFPG SRKLRSLKTS DVSWCLSDSG<br>WIVATIWTLV EPWTAGCTVF IHHLPPQFDTK VIIQTLLKYP INHFWGVSSI<br>YRMILQQDFT SIRFPALEHC YTGGEVVLPK DQEEWKRRTG LLLYENYGQS<br>ETGLICATYW GMKIKPGFMG KATPPYDVQV IDDKGSILPP NTEGNIGIRI<br>KPVSRPVSLFM CYEGDPEKTA KVECGDFYNT GDRGKMDEEG YICFLGRSDD<br>IINASGYRIG PAEVESALVE HPAVAESAVV GSPDPIRGEV VKAFIVLTPQ<br>FLSHDKDQLT KELQQHVKSV TAPYKYPRKV EFVSELPKTI TGKIERKELR<br>KKETGQM |
| <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<br>Alternative name(s): Acyl-CoA synthetase medium-chain family member 1<br>Butyrate--CoA ligase 1 Butyryl-coenzyme A synthetase 1 Lipoate-activating enzyme  |
| <b>Expression Region</b> | 32-577   |
| <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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