



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

<b>Product Code</b>	CSB-EP600559HU-B
<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. 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 NPAFWVWNGQ GDEVKWSFRE MGDLTRRVAN VFTQTCGLQQ GDHLALMLPR VPEWWLVAVG CMRTGIIFIP ATILLKAKDI LYRLQLSKAK GIVTIDALAS EVDSIASQCP SLKTKLLVSD HSREGWLDLFR SLVKSASPEH TCVKSKTLDP MVIFFTS GTT GFPKMAKSHH GLALQPSFPG SRKLRSLKTS DVSWCLSDSG WIVATIWTLV EPWTAGCTVF IHHLPPQFDTK VIIQTLLKYP INHFWGVSSI YRMILQQDFT SIRFPALHC YTGGEVVLPK DQEEWKRRTG LLLYENYGQS ETGLICATYW GMKIKPGFMG KATPPYDVQV IDDKGSILPP NTEGNIGIRI KPVSRPVSLFM CYEGDPEKTA KVECGDFYNT GDRGKMDEEG YICFLGRSDD IINASGYRIG PAEVESALVE HPAVAESAVV GSPDPIRGEV VKAFIVLTPQ FLSHDKDQLT KELQQHVKSV TAPYKYPRKV EFVSELPKTI TGKIERKELR 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 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>	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.

### Shelf Life

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