



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

Product Code	CSB-EP600559HU-B
Abbreviation	ACSM1
Storage	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.
Uniprot No.	Q08AH1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	LSEFGAPRW NDYEVPEEFN FASYVLDYWA QKEKEGKRG P NPAFWVWNGQ GDEVKWSFRE MGDLTRRVAN VFTQTCGLQQ GDHLALMLPR VPEWWLVAVG CMRTGIIFIP ATILLKAKDI LYRLQLSKAK GIVTIDALAS EVDSIASQCP SLKTKLLVSD HSREGWLD FR SLVKSASPEH TCVKSKTLDP MVIFFTS GTT GFPKMAKSHS GLALQPSFPG SRKLRSLKTS DVSWCLSDSG WIVATIWTLV EPWTAGCTVF IHHL PQFDTK VIIQTLLKYP INHFWGVSSI YRMILQQDFT SIRFPAL EHC YTGGEVVL PK DQEEWKRRTG LLLYENYGQS ETGLICATYW GMKIKPGFMG KATPPYDVQV IDDKGSILPP NTEGNIGIRI KPVRPVSLFM CYEGDPEKTA KVEC GDFYNT GDRGKMDEEG YICFLGRSDD IINASGYRIG PAEVESALVE HPAVAESAVV GSPDPIRGEV VKAFIVLTPQ FLSHDKDQLT KELQQHV KSV TAPYKYPRKV EFVSELPKTI TGKIERKELR KKETGQM
Source	E.coli
Target Names	ACSM1
Protein Names	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
Expression Region	32-577
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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

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.