



# Recombinant Human Acyl-coenzyme A synthetase ACSM3, mitochondrial (ACSM3)

<b>Product Code</b>	CSB-EP709601HU-B
<b>Abbreviation</b>	ACSM3
<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>	Q53FZ2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	LHK DNRTATPQNF SNYESMKQDF KLGIPYFNF AKDVLDQWTD KEKAGKKPSN PAFWWINRNG EEMRWSFEEL GLSRKFANI LSEACSLQRG DRVILILPRV PEWWLANVAC LRTGTVLIPG TTQLTQKDIL YRLQSSKANC IITNDVLAPA VDAVASKCEN LHSKLIVSEN SREGWGNLKE LMKHASDSHT CVKTKHNEIM AIFFTSGTSG YPKMTAHTHS SFGLGLSVNG RFWLDLTPSD VMWNTSDTGW AKSAWSSVFS PWIQGACVFT HHLPRFEPTS ILQTLISKYPI TVFCSAPTVY RMLVQNDITS YKFKSLKHCV SAGEPITPDV TEKWRNKTGL DIYEGYGQTE TVLICGNFKG MKIKPGSMGK PSPAFDVKIV DVNGNVLPPG QEGDIGIQVL PNRPFGLFTH YVDNPSKTAS TLRGNFYITG DRGYMDKDG Y FWFVARADDV ILSSGYRIGP FEVENALNEH PSVAESAVVS SPDPIRGEVV KAFVVLNPDY KSHDQEQLIK EIQEHVKKTT APYKYPRKVE FIQELPKTIS GKTKRNLRLK KEWKTI
<b>Source</b>	E.coli
<b>Target Names</b>	ACSM3
<b>Protein Names</b>	Recommended name: Acyl-coenzyme A synthetase ACSM3, mitochondrial EC=6.2.1.2 Alternative name(s): Acyl-CoA synthetase medium-chain family member 3 Butyrate--CoA ligase 3 Butyryl-coenzyme A synthetase 3 Middle-chain acyl-CoA syn
<b>Expression Region</b>	28-586
<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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