



Recombinant Mouse Acyl-coenzyme A thioesterase 1 (Acot1)

Product Code	CSB-EP001163MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O55137
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	EATLNLEPS GRSCWDEPLS IAVRGLAPEQ PVTLRSVLRD EKGALFRAHA RYRADSHGEL DLARTPALGG SFGGLEPMGL LWAMEPDRPF WRLVKRDVQT PFVVELEVLD GHEPDGGQRL AHAVHERHFL APGVRRVPVR EGRVRATLFL PPEPGPFPGI IDLFGVGGGL LEYRASLLAG KGFAVMALAY YNYDDLKPKNM ETMHMEYFEE AVNYLRSHPE VKGPGIGLLG ISKGGELGLA MASFLKGITA AVVINGSVAA VGNTISYKDE TIPPVTILRN QVKMTKDGLK DVVDALQSPL VDKKSFIPVE RSDTTFLFLV GQDDHNWKSE FYADEISKRL QAHGKEKPQI ICYPAAGHYI EPPYFPLCSA GMHLLVGANI TFGGEPKPHA MAQLDAWQQL QTFFHKQLGS ECLHVSPKI
Source	E.coli
Target Names	Acot1
Protein Names	Recommended name: Acyl-coenzyme A thioesterase 1 Short name= Acyl-CoA thioesterase 1 EC= 3.1.2.2 Alternative name(s): CTE-I Inducible cytosolic acyl-coenzyme A thioester hydrolase Long chain acyl-CoA thioester hydrolase S
Expression Region	2-419
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.