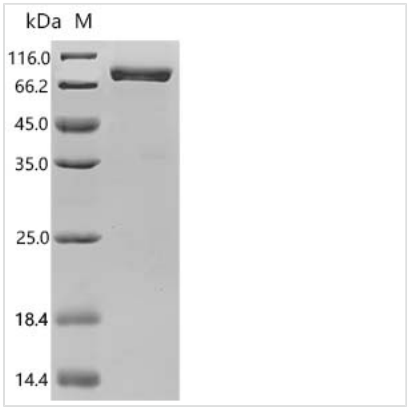
Recombinant Rat Acyl-coenzyme A thioesterase 1 (Acot1)

Product Code	CSB-MP001163RAs9
Abbreviation	Recombinant Rat Acot1 protein
Uniprot No.	O88267
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Sensitivity	Not Test
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MEATLSLEPAGRSCWDEPLSITVRGLVPEQPVTLRAALRDEKGALFRARALYR ADAHGELDLARAPALGGSFTGLEPMGLIWAMEPERPFWRLVKRDVQTPFVVE LEVLDGHEPDGGRLLARAVHERHFMAPGVRRVPVREGRVRATLFLPPEPGPF PGIIDLFGVGGGLLEYRASLLAGKGFAVMALAYYNYDDLPKTMETMRIEYFEEA VNYLRGHPEVKGPGIGLLGISKGGELGLAMASFLKGITAAVVINGSVAAVGNTI CYKDETIPPVTILRNQVKMTKDGLKDVVDALQSPLVEQKSFIPVERSDTTFLFLV GQDDHNWKSEFYANEISKRLQAHGKEKPQIICYPEAGHYIEPPYFPLCSAGMH LLVGANITFGGEPKPHSVAQLDAWQQLQTFFHKQLGGKSHGVSPKI
Research Area	Cardiovascular
Source	Mammalian cell
Target Names	Acot1
Expression Region	1-419aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal hFc1-tagged and C-terminal 10xHis-tagged
Mol. Weight	73.4 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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?/-80?. 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.