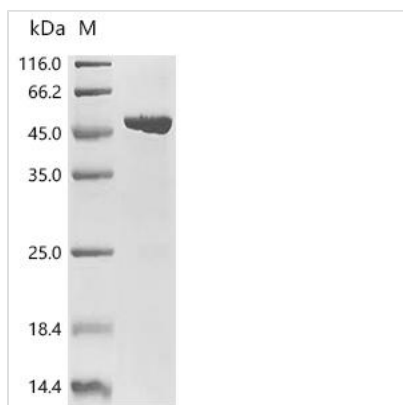




# Recombinant Mouse Acyl-coenzyme A thioesterase 2, mitochondrial (Acot2)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP886188MO                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Abbreviation</b>      | Recombinant Mouse Acot2 protein                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>       | Q9QYR9                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>              | Liquid or Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>    | 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.                                                                                                                                                                                                                               |
| <b>Product Type</b>      | Recombinant Mouse Acyl-coenzyme A thioesterase 2, mitochondrial (Acot2)                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Species</b> | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sensitivity</b>       | Not Test                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | NATLSVEPEGRSCWDEPLSIAVRGLAPEQPVTLRSLRDEKGA LFRAHARYRA<br>DAGGELN LARAPALGGSFSGLEPMGLLWAMEPERPLWRLIKRDVQTPFLVEL<br>EVL DGH EPDGGQRLAQAVHERHFLAPGVRRVPVREGRVRATLFLPPEPGPFP<br>GIIDLFVG VGGGLLEYRASLLAGKGF AVMALAYYNYDDLPKSIETMHMEYFEEAV<br>NYLRSHPEVKGP GIGLLGISKGGELGLAMASFLKGITAAVINGSVA AVGNTISY<br>KDETIPPVSLLRNQVKMTKDGLLDVVEALQSP LVDKSFIPVERSDTTFLFLVG<br>QDDHNWKSEFYADEISKRLQAHGKEKPQIICYPAAGHYIEPPYFPLCSAGMHL<br>LVGANITFGGEPRAHAVAQVDAWQQQLQ TFFHKQLGSKS |
| <b>Research Area</b>     | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Target Names</b>      | Acot2                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Expression Region</b> | 43-453aa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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>          | C-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Mol. Weight</b>       | 51.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Image</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



(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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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