

## Recombinant Mouse Acsl4 protein, His-tagged

**Cat. No.** Acsl4-5993M    **Lot. No.** (See product label)

### SPECIFICATION

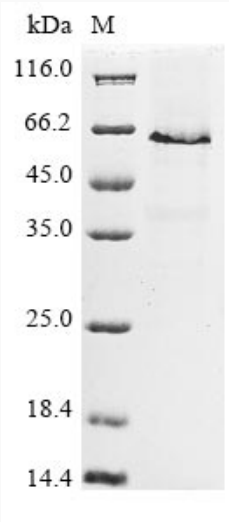
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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Acsl4 protein(Q9QUJ7)(100-581aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 100-581aa                                                                                                                                                                                                                                                      |
| <b>Form</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>Molecular Mass</b>   | 59.3 kDa                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-293°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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 263%. |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <b>AcsL4 acyl-CoA synthetase long-chain family member 4 [ Mus musculus ]</b>                                                                                                                                                           |
| <b>Official Symbol</b> | <b>AcsL4</b>                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | ACSL4; acyl-CoA synthetase long-chain family member 4; long-chain-fatty-acid--CoA ligase 4; mACSL4; LACS 4; long-chain acyl-CoA synthetase 4; fatty acid-Coenzyme A ligase, long chain 4; ACS4; FacL4; Lacs4; AU018108; 9430020A05Rik; |
| <b>Gene ID</b>         | <b>50790</b>                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <b>NM_001033600</b>                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | <b>NP_001028772</b>                                                                                                                                                                                                                    |
| <b>SDS-PAGE</b>        |                                                                                                                                                     |