

Recombinant Mouse Acsl4 protein, His-tagged

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

SPECIFICATION

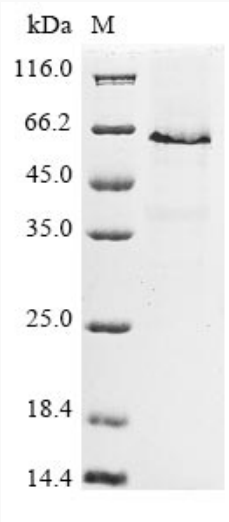
Product Overview	Recombinant Mouse Acsl4 protein(Q9QUJ7)(100-581aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	100-581aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	59.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-293°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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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Gene Name	<i>AcsL4</i> acyl-CoA synthetase long-chain family member 4 [<i>Mus musculus</i>]
Official Symbol	<i>AcsL4</i>
Synonyms	ACSL4; acyl-CoA synthetase long-chain family member 4; long-chain-fatty-acid--CoA ligase 4; mACS4; LACS 4; long-chain acyl-CoA synthetase 4; fatty acid-Coenzyme A ligase, long chain 4; ACS4; FacL4; Lacs4; AU018108; 9430020A05Rik;
Gene ID	50790
mRNA Refseq	NM_001033600
Protein Refseq	NP_001028772
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single, prominent protein band is visible in the lane to the right of the markers, positioned between the 66.2 kDa and 116.0 kDa markers, consistent with the expected size of the AcsL4 protein.