

## Recombinant Mouse Slc27a5 protein, His-tagged

Cat. No. Slc27a5-1770M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Slc27a5 aa. (Glu471~Leu689 (Accession # Q4LDG0)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu471~Leu689
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.1kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.5.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Slc27a5 solute carrier family 27 (fatty acid transporter), member 5 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Slc27a5

**Synonyms**

Slc27a5; solute carrier family 27 (fatty acid transporter), member 5; FATP5; FACVL3; VLCSH2; Vlacsr; VLCS-H2; bile acyl-CoA synthetase; BA-CoA ligase; BACS; BAL; FATP-5; VLACS-related; bile acid-CoA ligase; cholate--CoA ligase; fatty acid transport protein 5; solute carrier family 27 member 5; very long-chain acyl-CoA synthetase-related protein; very long-chain acyl-Coenzyme A dehydrogenase synthase related

**Gene ID**

26459

**mRNA Refseq**

NM\_009512.2

**Protein Refseq**

NP\_033538.2

**UniProt ID**

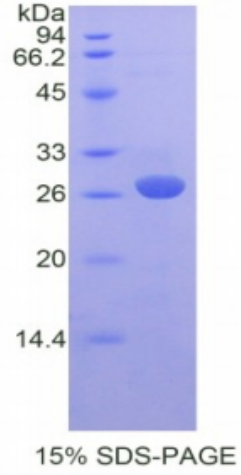
Q4LDG0

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**SDS-PAGE**



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