

Recombinant Rat Slc27a5 protein, His & GST-tagged

Cat. No. Slc27a5-1772R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slc27a5 aa. (Glu488~Leu690 (Accession # Q9ES38)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu488~Leu690
Description	Catalyzes the first of two steps in the conjugation of bile acids with the amino acids glycine and taurine.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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 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

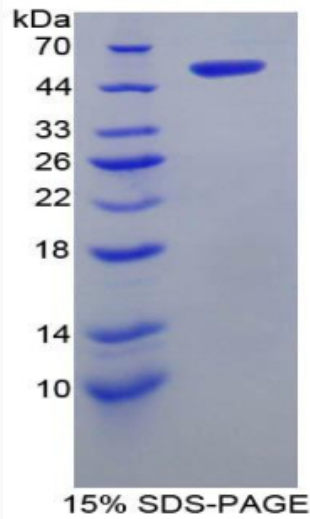
Gene Name	Slc27a5 solute carrier family 27 member 5 [Rattus norvegicus (Norway rat)]
Official Symbol	Slc27a5
Synonyms	Slc27a5; solute carrier family 27 member 5; BAL; rBAL-1; bile acyl-CoA synthetase; BA-CoA ligase; BACS; FATP-5; VLACS-related; VLACSR; bile acid-CoA ligase; cholate--CoA ligase; fatty acid transport protein 5; solute carrier family 27 (fatty acid transporter), member 5; very long-chain acyl-CoA synthetase-related protein
Gene ID	79111
mRNA Refseq	NM_024143.2
Protein Refseq	NP_077057.1
UniProt ID	Q9ES38

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SDS-PAGE



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