

Recombinant Mouse Slc51b Protein, His-tagged

Cat. No. Slc51b-2747M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slc51b Protein (Arg54-Ser128) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg54-Ser128
Description	Enables bile acid transmembrane transporter activity and protein heterodimerization activity. Involved in several processes, including bile acid and bile salt transport; positive regulation of intracellular protein transport; and positive regulation of protein glycosylation. Acts upstream of or within organic substance transport. Located in basolateral plasma membrane. Is integral component of membrane. Part of protein-containing complex. Is expressed in small intestine. Orthologous to human SLC51B (solute carrier family 51 subunit beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.4 kDa Accurate Molecular Mass: 19 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

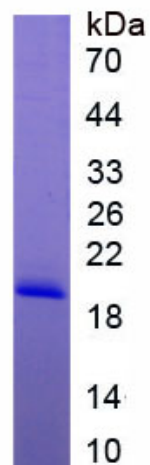
GENE INFORMATION

Gene Name	Slc51b solute carrier family 51, beta subunit [Mus musculus (house mouse)]
Official Symbol	Slc51b
Synonyms	Slc51b; solute carrier family 51, beta subunit; Ostb; organic solute transporter subunit beta; OST-beta; Ost beta; organic solute transporter beta; solute carrier family 51 subunit beta
Gene ID	330962
mRNA Refseq	NM_178933
Protein Refseq	NP_849264
UniProt ID	Q80WK2

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