

Recombinant Mouse Slc51b Protein, Myc/DDK-tagged

Cat. No. Slc51b-5939M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 51, beta subunit (Slc51b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the intestinal basolateral transporter responsible for bile acid export from enterocytes into portal blood. Efficiently transports the major species of bile acids. Modulates SLC51A glycosylation, membrane trafficking and stability activities.
Molecular Mass	15.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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; Os; 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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