9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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SLC51B Human

Solute Carrier Family 51 Beta Human Recombinant
RCP2123

Product Overview

Name	SLC51B Human
Description	
Solute Carrier Family 51 Beta Human Recombinant	
Accession (Primary)	Q86UW2
Synonyms	
OSTB, OSTBETA, Organic solute transporter subunit beta, OST-beta, Solute carrier family 51 subunit beta.	
Introduction	
Solute Carrier Family 51 Beta (SLC51B), is a protein coding gene. SLC51B is an organic solute transporter subunit. SLC51 is composed of two different proteins that must heterodimerize to generate transport activity, however the role of the individual subunits in mediating transport activity is unknown. The results show that SLC51B is required for both proper trafficking of SLC51A and formation of the functional transport unit, and identify specific residues of SLC51B essential for these processes . Among the diseases associated with SLC51B are extrahepatic cholestasis, and biliary atresia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
SLC51B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS RSIQASR KEKMQPPEKE TPEVLHLDEA KDHNSLNNLR ETLLSEKPNL AQVELELKER DVLSVFLPDV PETES	
Precautions	

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SLC51B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q86UW2)