

## 32-4861: Recombinant Human Solute Carrier Family 51 Beta

**Alternative Name :** OSTB,OSTBETA,Organic solute transporter subunit beta,OST-beta, Solute carrier family 51 subunit beta.

### Description

Source : Escherichia Coli. SLC51B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 95 amino acids (57-128 a.a) and having a molecular mass of 10.7kDa.SLC51B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	SLC51B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSRSIQASR KEKMQPPEKE TPEVLHLDEA KDHNSLNNLR ETLLSEKPNL AQVELELKER DVLSVFLPDV PETES

