

## Product datasheet for **TP317638L**

### OST beta (SLC51B) (NM\_178859) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human organic solute transporter beta (OSTbeta), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC217638 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEHSEGAPGDPAGTVVPQELLEMLWFFRVEDASPWNHSILALAAVVVIISMVLLGRSIQASRKEKMQPP  
EKETPEVLHLDEAKDHNSLNNLRETLLEKPNLAQVELELKERDVLSVFLPDVPETES

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 14.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_849190](#)

**Locus ID:** 123264

**UniProt ID:** [Q86UW2](#)

**RefSeq Size:** 940

**Cytogenetics:** 15q22.31



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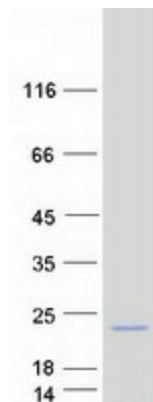
RefSeq ORF: 384

Synonyms: OSTB; OSTBETA

**Summary:** 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.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SLC51B protein (Cat# [TP317638]). The protein was produced from HEK293T cells transfected with SLC51B cDNA clone (Cat# [RC217638]) using MegaTran 2.0 (Cat# [TT210002]).