

Product datasheet for PH317638

OST beta (SLC51B) (NM_178859) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSTBETA MS Standard C13 and N15-labeled recombinant protein (NP_849190)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217638
Predicted MW:	14.3 kDa
Protein Sequence:	>RC217638 protein sequence Red =Cloning site Green =Tags(s) MEHSEGAPGDPAGTVVPQELLEEMLWFFRVEDASPNHSILALAAVVVVISMVLLGRSIQASRKEKMQPP EKETPEVLHLDEAKDHNSLNNLRETLTLLSEKPNLAQVELELKERDVLVFLPDVPETES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_849190
RefSeq Size:	940
RefSeq ORF:	384
Synonyms:	OSTB; OSTBETA
Locus ID:	123264
UniProt ID:	Q86UW2
Cytogenetics:	15q22.31



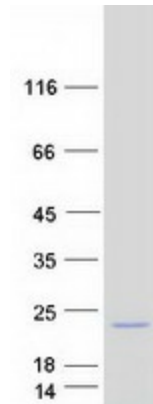
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Summary:

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]).