

Product datasheet for **AR51189PU-S**

SLC51B (57-128, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SLC51B (57-128, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSRSIQASR KEKMQPPEKE TPEVLHLDEA KDHNLSLNNLR ETLLEKPNL AQVELELKER DVLSVFLPDV PETES
Tag:	His-tag
Predicted MW:	10.7 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SLC51B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_849190
Locus ID:	123264
UniProt ID:	Q86UW2
Cytogenetics:	15q22.31
Synonyms:	OSTB; OSTBETA



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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: