

# Product datasheet for AR51189PU-N

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

### **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins  |
|--|---|
| Description:                             | SLC51B (57-128, His-tag) human recombinant protein, 0.25 mg   |
| Species:                                 | Human   |
| Expression Host:                         | E. coli   |
| Expression cDNA Clone<br>or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSRSIQASR KEKMQPPEKE TPEVLHLDEA KDHNSLNNLR<br>ETLLSEKPNL AQVELELKER DVLSVFLPDV PETES                                       |
| Tag:                                     | His-tag   |
| Predicted MW:                            | 10.7 kDa  |
| Concentration:                           | lot specific  |
| Purity:                                  | >95% by SDS - PAGE  |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>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:                                  | <u>NP 849190</u>  |
| Locus ID:                                | 123264  |
| UniProt ID:                              | <u>Q86UW2</u>   |
| Cytogenetics:                            | 15q22.31  |
| Synonyms:                                | OSTB; OSTBETA   |



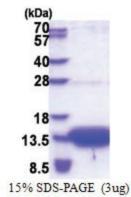
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| ORIGENE | SLC51B (57-128, His-tag) Human Protein – AR51189PU-N |
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|---------|--|

Summary:Essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the<br/>intestinal basolateral transporter responsible for bile acid export from enterocytes into portal<br/>blood. Efficiently transports the major species of bile acids. Modulates SLC51A glycosylation,<br/>membrane trafficking and stability activities.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

### **Product images:**



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