

Product datasheet for AR51189PU-N

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

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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 or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSRSIQASR KEKMQPPEKE TPEVLHLDEA KDHNSLNNLR ETLLSEKPNL 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:	<u>NP 849190</u>
Locus ID:	123264
UniProt ID:	<u>Q86UW2</u>
Cytogenetics:	15q22.31
Synonyms:	OSTB; OSTBETA



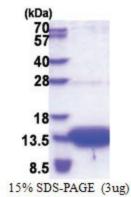
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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

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:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US