Datasheet for ABIN7586259

SULT1B1 Protein (AA 1-299) (His tag)

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Overview

Quantity:	100 µg
Target:	SULT1B1
Protein Characteristics:	AA 1-299
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGTAEDVFRK DLKIIHGYPM VYAFALGWEK IEEFQSRPCD IVIPTYPKSG TTWLSEIVDM VLNDGNVEKC KRDVITSKVP MLEQNVPGAR RSGVELLKKT PSPRIIKTHL PIDLLPKSFW DNKCKMIYLA RNGKDVAVSY YHFDLMNNIQ PLPGTWEEYL EKFLAGNVAY GSWFDHVKSW WEKREGHPIL FLYYEDLKKN PKKEIKKIAN FLDKTLDEHT LERIVHHTSF EVMKDNPLVN YTHLPTEIMD HSKSPFMRKG VVGDWKNYFT MTQSEKFDAI YKKKLSGTTL EFCTDIQSA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SULT1B1
Alternative Name:	Sulfotransferase family cytosolic 1B member 1 (Sult1b1) (SULT1B1 Products)
Background:	Recommended name: Sulfotransferase family cytosolic 1B member 1. Short name= ST1B1. Short name= Sulfotransferase 1B1. EC= 2.8.2.-. Alternative name(s): DOPA/tyrosine sulfotransferase
UniProt:	P52847

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.