

Datasheet for ABIN7586262

SULT2A1 Protein (AA 1-284) (His tag)



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Overview

Quantity:	100 µg
Target:	SULT2A1
Protein Characteristics:	AA 1-284
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT2A1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPDYTWFEGL PFHAFGISKE TLQNVCKNFV VKEEDLILLA YPKSGTNWLI EIVCLIQTKG DPKWIQSVTI WDRSPWIETD VGYDILIKKK GPRLMTSHLP MHLFSKSLFS SKAKVIYLIR NPRDVLVSGY YFWGNSTLVK KPDSLGTIVE WFLKGNVLYG SWFEHIRAWL SMREWDNLL LYYEDMKKDT MGTIKKICDF LGKKLEPDEL DLVLKYSSFQ VMKENDMSNY SLLMKKSIFT GIGLMRGTI GDWKNHFTVS QAEAFDKVFQ EKMAGFPPGM FPWE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SULT2A1
Alternative Name:	Bile salt sulfotransferase (St2a1) (SULT2A1 Products)
Background:	<p>Recommended name: Bile salt sulfotransferase.</p> <p>EC= 2.8.2.14.</p> <p>Alternative name(s): Hydroxysteroid sulfotransferase.</p> <p>Short name= ST ST-20 Sulfotransferase 2A1.</p> <p>Short name= ST2A1</p>
UniProt:	P15709
Pathways:	Steroid Hormone Biosynthesis , Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Comment:	<p>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 modified 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.</p>
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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.