

Datasheet for ABIN935098

SULT2B1 Protein (AA 1-365) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	SULT2B1
Protein Characteristics:	AA 1-365
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT2B1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MDGPAEPQIP GLWDTYEDDI SEISQKLPGE YFRYKGVFPF VGLYSLESLIS LAENTQDVRD DDIFIITYPK SGTWMIIEI CLILKEGDPS WIRSVPIWER APWCETIVGA FSLPDQYSPR LMSSHLPIQI FTKAFFSSKA KVIYMGRNPR DVVVSlyHYS KIAGQLKDPG TPDQFLRDFL KGEVQFGSWF DHIKGWLRMK GKDNFLFITY EELQQLQGS VERICGFLGR PLGKEALGSV VAHSTFSAMK ANTMSNYTLL PPSLLDHRRG AFLRKGVC GD WKNHFTVAQS EAFDRAYRKQ MRGMPTFPWD EDPEEDGSPD PEPSPEPEPK PSLEPNTSLE REPRPNSSPS PSPGQASET HPRPS
Characteristics:	Purified recombinant Human SULT2 B1 protein Expression System: E.coli
Purity:	> 85 % pure

Target Details

Target:	SULT2B1
Alternative Name:	SULT2B1 (SULT2B1 Products)
Background:	<p>Sulfotransferase family cytosolic 2B member 1 isoform b, also known as SULT2B1, is a member of Sulfotransferase family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. SULT2B1b is localized in the cytosol and nuclei of human cells. SULT2B1b is selective for the sulfation of 3beta-hydroxysteroids such as dehydroepiandrosterone and pregnenolone, and may also have a role in cholesterol sulfation in human skin. Recombinant human SULT2B1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.</p> <p>Alternative Names: SULT2B1b., SULTB1 2, Sulfotransferase family cytosolic 2B member 1 isoform b Alcohol sulfotransferase protein, ST2B1 protein, EC 2.8.2.2 protein, SULT2B1a protein, SULT2B1, SULTB1-2 protein, Hydroxysteroid sulfotransferase 2 protein, SULTB1-2, HSST2 protein, Sulfotransferase family cytosolic 2B member 1 protein, Sulfotransferase 2B1 protein, SULTB1 2 protein</p>
Molecular Weight:	41.3 kDa (365 AA)
Pathways:	Steroid Hormone Biosynthesis

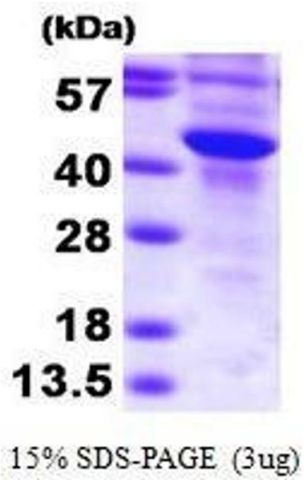
Application Details

Application Notes:	SULT2B1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 7.5, containing 10 % glycerol.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long

term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.