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## Datasheet for ABIN7319319 **SULT2A1 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	SULT2A1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT2A1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human SULT2A1 Protein (His Tag)
Sequence:	Ser2-Glu285
Characteristics:	Recombinant Human Cytosolic Sulfotransferase Family 2A Member 1 is produced by our E.coli expression system and the target gene encoding Ser2-Glu285 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	SULT2A1
Alternative Name:	SULT2A1 ( <a href="#">SULT2A1 Products</a> )
Background:	Background: Bile Salt Sulfotransferase (SULT2A1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. SULT2A1 is primarily expressed in the liver and adrenal tissues, and

## Target Details

to a lesser extent in the kidney. SULT2A1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it catalyze the sulfonation of steroids and bile acids in the liver and adrenal glands. SULT2A1 may have a role in the inherited adrenal androgen excess.

Synonym: Bile Salt Sulfotransferase, Dehydroepiandrosterone Sulfotransferase, DHEA-ST, Hydroxysteroid Sulfotransferase, HST, ST2, ST2A3, Sulfotransferase 2A1, ST2A1, SULT2A1, HST, STD,DHEA-ST,DHEAS,ST2A3

Molecular Weight: 35.2 kDa

UniProt: [Q06520](#)

Pathways: [Steroid Hormone Biosynthesis](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 100 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.