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Datasheet for ABIN7319320
SULT2B1 Protein (AA 2-365) (His tag)

Overview

Quantity:	50 µg
Target:	SULT2B1
Protein Characteristics:	AA 2-365
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT2B1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SULT2B1 Protein (aa 1-311, His Tag)
Sequence:	Met 1-Glu311
Characteristics:	Recombinant Human Cytosolic Sulfotransferase Family 2B Member 1 is produced by our E.coli expression system and the target gene encoding Met1-Glu311 is expressed with a 6His tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SULT2B1
Alternative Name:	SULT2B1 (SULT2B1 Products)

Target Details

Background: Background: Sulfotransferase Family Cytosolic 2B Member 1(SULT2B1) is a member of the Sulfotransferase 1 family. SULT2B1 is highly expressed in the placenta, prostate, and trachea with lower expression levels in the small intestine and lung. SULT2B1 catalyzes the sulfate conjugation of numerous hormones, neurotransmitters, drugs, and xenobiotic compounds. Sulfonation enhances the water solubility of molecules, and therefore their renal excretion, however SULT2B1 can also result in bioactivation to form active metabolites.

Synonym: Sulfotransferase Family Cytosolic 2B Member 1, ST2B1, Sulfotransferase 2B1, Alcohol Sulfotransferase, Hydroxysteroid Sulfotransferase 2, SULT2B1, HSST2

Molecular Weight: 36.6 kDa

NCBI Accession: [NP_004596](#)

Pathways: [Steroid Hormone Biosynthesis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 0.1M NaCl, 1 mM EDTA, pH 8.0.

Storage: -20 °C

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