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Datasheet for ABIN7319059 **SULT1A2 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SULT1A2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1A2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SULT1A2 Protein (His Tag)
Sequence:	Met 1-Leu295
Characteristics:	Recombinant Human Cytosolic Sulfotransferase Family 1A Member 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu295 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:	SULT1A2
Alternative Name:	SULT1A2 (SULT1A2 Products)
Background:	Background: Sulfotransferase 1A2 (SULT1A2) is a member of the Sulfotransferase 1 family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,

Target Details

neurotransmitters, drugs, and xenobiotic compounds. SULT1A2 is a cytoplasmic protein and exists as a homodimer. SULT1A2 mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and might thus participate as a modulating factor of cancer risk.

Synonym: Sulfotransferase 1A2, ST1A2, Aryl Sulfotransferase 2, Phenol Sulfotransferase 2, Phenol-Sulfating Phenol Sulfotransferase 2, P-PST 2, SULT1A2, STP2

Molecular Weight:	36.4 kDa
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UniProt:	P50226
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM Tris, 100 mM NaCl, pH 8.0.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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