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Datasheet for ABIN7319321 **SULT1A3 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SULT1A3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1A3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SULT1A3 Protein (His Tag)
Sequence:	Met 1-Leu295
Characteristics:	Recombinant Human Cytosolic Sulfotransferase Family 1A Member 3 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:	SULT1A3
Alternative Name:	SULT1A3 (SULT1A3 Products)
Background:	Background: Sulfotransferase 1A3/1A4 (SULT1A3) is 295 amino acids in length and localizes to the cytoplasm. It is a member of the Sulfotransferase 1 family. SULT1A3 can be found in the

Target Details

liver, colon, kidney, lung, brain, spleen, small intestine, placenta, and leukocytes. SULT1A3 exists as a homodimer and it catalyzes the sulfation of phenolic monoamines, such as dopamine, norepinephrine and serotonin, and phenolic and catecholic drugs.

Synonym: Sulfotransferase 1A3/1A4, ST1A3/ST1A4, Aryl Sulfotransferase 1A3/1A4, Catecholamine-Sulfating Phenol Sulfotransferase, HAST3, M-PST, Monoamine-Sulfating Phenol Sulfotransferase, Placental Estrogen Sulfotransferase, Sulfotransferase Monoamine-Preferring, Thermolabile Phenol Sulfotransferase, TL-PST, SULT1A3, STM, SULT1A4,HAST,HAST3,M-PST,ST1A5,STM

Molecular Weight: 35.6 kDa

Pathways: [ER-Nucleus Signaling](#)

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.