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Datasheet for ABIN1692209

SULT1C2 Protein (AA 1-296) (His tag)

Overview

Quantity:	50 µg
Target:	SULT1C2
Protein Characteristics:	AA 1-296
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1C2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Sulfotransferase 1C2/SULT1C2 (N-6His)
Sequence:	MNHKVHHHHH HMAITSDLGK QIKLKEVEGT LLQPATVDNW SIIQSFEAKP DDLICTYPK AGTTWIQEIV DMIEQNGDVE KCQRAIQHR HPFIEWARPP QPSGVEKAKA MPSPRILKTH LSTQLLPPSF WENCKFLYV ARNAKDCMVS YYHFQRMNHN LPDPGTWEEY FETFINGKVV WGSWFDHVKG WWEMKDRHQI LFLFYEDIKR DPKHEIRKVM QFMGKKVDET VLDKIVQETS FEKMKENPMT NRSTVSKSIL DQSISSFMRK GTVGDWKNHF TVAQNERFDE IYRRKMEGTS INFCMEL
Characteristics:	Recombinant Human Sulfotransferase 1C2/SULT1C2 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Leu296) of Human SULT1C2 fused with a His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target: SULT1C2

Alternative Name: SULT1C2 ([SULT1C2 Products](#))

Sub Type: Fusionprotein

Background: Sulfotransferase 1C2 (SULT1C2) is a cytosolic enzyme member of the Sulfotransferase 1 family. Human SULT1C2 is primarily expressed in the adult stomach, kidney and thyroid gland, and in the fetal kidney and liver. SULT1C2 catalyzes the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It shows activity towards p-nitrophenol and N-hydroxy-2-acetylaminofluorene (N-OH-2-AAF).

Alternative Names: Sulfotransferase 1C2, ST1C2, Sulfotransferase 1C1, SULT1C#1, humSULTC2, SULT1C2, SULT1C1,

Molecular Weight: 36.3 kDa

UniProt: [O00338](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Supplied as a 0.2 μm filtered solution of 20 mM Tris, 0.1M NaCl, pH 8.5.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: -80 °C

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

Expiry Date: 6 months