

Recombinant Human SULT1C2, His-tagged

Cat. No. SULT1C2-947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SULT1C2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 37.0 kDa (316aa).
Species	Human
Source	E.coli
Description	SULT1C2, also known as Sulfotransferase 1C2, is a sulfotransferase1 superfamily. It catalyzes the transfer of sulfate from PAPS (3'-phosphoadenosine-5'-phosphosulfate) to phenol-containing compounds, including hormones and neurotransmitters. Two isoforms of SULT1C2 designated short and long, exist as a result of alternative splicing events.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT.
Purity	> 90% by SDS - PAGE.
Concentration	1.0 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MALTS DLGKQ IKLKEVEGTL LQPATVDNWS QIQSFEAKPD DLLICTY PKA GTTWIQEIVD MIEQNGDVEK CQR AIIQHRH PFIEWARPPQ PSGVEKAKAM PSPRIKTHL STQLLPSSF ENNCKFLYVA RNAKDCMVS YHFQRMNHML PDPGTWEEYF ETFINGKVVW GSWFDHVKGW WEMKDRHQIL FLFYEDIKRD PKHEIRKVMQ FMGKKVDETV LDKIVQETSF

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EKMKENPMTN RSTVSKSILD QSISSFMRKG TVGDWKNHFT VAQNERFDEI
YRRKMEGTSI NFCMEL.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Fuction

sulfotransferase activity; transferase activity

Pathways

Biological oxidations

GENE INFORMATION

Gene Name

[SULT1C2 sulfotransferase family, cytosolic, 1C, member 2 \[Homo sapiens \]](#)

Synonyms

sulfotransferase family, cytosolic, 1C, member 2; ST1C1; ST1C2; SULT1C1;
humSULTC2; SULT1C2; sulfotransferase 1C2; SULT1C#1; OTTHUMP00000203304;
OTTHUMP00000203390; sulfotransferase 1C1; sulfotransferase family, cytosolic, 1C,
member 1

Gene ID

[6819](#)

mRNA Refseq

[NM_001056](#)

Protein Refseq

[NP_001047](#)

MIM

[602385](#)

UniProt ID

[O00338](#)

**Chromosome
Location**

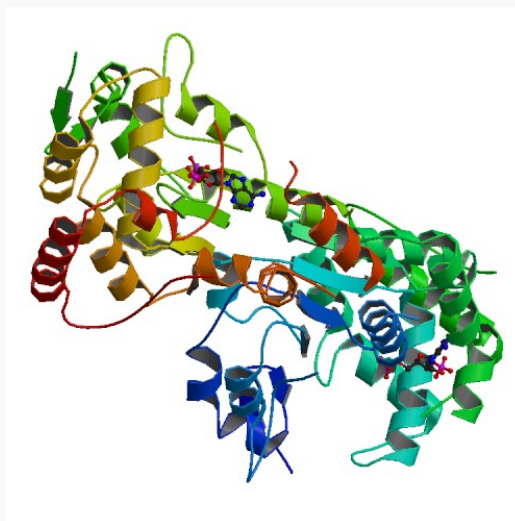
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