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*E.coli*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 isof orms of SULT1C2 designated short and long, exist as a result of alternative splicing e vents.
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 MALTSDLGKQ IKLKEVEGTL LQPATVDNWS QIQSFEAKPD DLLICTYPKA GTTWIQEIVD MIEQNGDVEK CQRAIIQHRH PFIEWARPPQ PSGVEKAKAM PSPRILKTHL STQLLPPSFW ENNCKFLYVA RNAKDCMVSY YHFQRMNHML PDPGTWEEYF ETFINGKVVW GSWFDHVKGW WEMKDRHQIL FLFYEDIKRD PKHEIRKVMQ FMGKKVDETV LDKIVQETSF

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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	2q12.3

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PDB rendering based on 2etg.



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