

32-2827: SULT1C2 Recombinant Protein

Alternative Name : Sulfotransferase 1C2,ST1C2,Sulfotransferase 1C1,SULT1C#1,humSULTC2,SULT1C2,SULT1C1,ST1C1.

Description

Source : Escherichia Coli. SULT1C2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 316 amino acids (1-296 a.a.) and having a molecular mass of 37kDa. The SULT1C2 is purified by proprietary chromatographic techniques. Sulfotransferase 1C2 (SULT1C2) is a member the sulfotransferase1 superfamily. SULT1C2 catalyzes the transfer of sulfate from PAPS (3'-phosphoadenosine-5'-phosphosulfate) to phenol-containing compounds, including hormones and neurotransmitters. A short and a long isoform of SULT1C2 exist as a result of alternative splicing events. Sulfotransferase enzymes catalyze the sulfate conjugation of various hormones, neurotransmitters, drugs, and xenobiotic compounds.

Product Info

Amount :	25 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The SULT1C2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	SULT1C2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MALTSDLGKQ IKLKEVEGTL LQPATVDNWS QIQSFEAKPD DLLICTYPKA GTTWIQEIVD MIEQNGDVEK CQRAIQHRH PFIEWARPPQ PSGVEKAKAM PSPRILKTHL STQLLPPSFW ENNCKFLYVA RNAKDCMVS YHFQRMNHML PDPGTWEEYF ETFINGKVVW GSWFDHVKGW WEMKDRHQIL FLFYEDIKRD PKHEIRKVMQ FMGKKVDETV LDKIVQETSF EKMKENPMTN RSTVSKSILD QSISSEFMRKG TVGDWKNHFT VAQNERFDEI YRRKMEGTSI NFCMEL.

