

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 MALTS DLGKQ IKLKEVEGTL LQPATVDNWS QIQSF EAKPD DLICTY PKA GTTWIQEIVD MIEQNGDVEK CQRAIIQHRH PFIEWARPPQ PSGVEKAKAM PSPRI LKTHL STQLLP SFW ENNCKFLYVA RNAKDCMVS Y YHFQRMNHML PDPGTWEEYF ETFINGKV VV GSWFDHVKGW WEMKDRHQIL FLFYEDIKRD PKHEIRKVMQ FMGKKVDETV LDKIVQETS F EKMKENPMTN RSTVSKSILD QSISSFMRKG TVGDWKNHFT VAQNERFDEI YRRKMEGTSI NFCMEL.

