

**SULT1C2, 1-296aa, Human, His tag, E.coli**

**Cat.NO.: TP04090**

3th Edition

**Synonyms:**Sulfotransferase 1C2 isoform a, humSULTC2, ST1C1, ST1C2, SULT1C1

**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. Recombinant human SULT1C2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

**Molecular Weight:**37.0 kDa (316aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMALTSDLGKQIKLKEVEGTLLQPATVDNWSQIQSFEAKPDDLICTYPKAGTTWIQ  
EIVDMIEQNGDVEKCRRAIQHRHPFIEWARPPQPSGVEKAKAMPSPRILKTHLSTQLLPPSFWENNCKFLYVARNA  
KDCMVSYHYHFQRMNHMLPDPGTWEEYFETFINGKVVWGSWFDHVKGWVEMKDRHQILFLFYEDIKRDPKHEIRK  
VMQFMGKKVDETVLDKIVQETSFEKMKENPMTNRSTVSKSILDQSISSFMKGTVDWKNHFTVAQNERFDEIYRR  
KMEGTSINFCMEL

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.