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

产品货号: TP04090

第三版

别名:Sulfotransferase 1C2 isoform a, humSULTC2, ST1C1, ST1C2, SULT1C1

描述: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.

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

分子量:37.0 kDa (316aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMALTSDLGKQIKLKEVEGTLQPATVDNWSQIQSFEAKPDDLICTYPKAGTTWIQEIVD  
MIEQNGDVEKCRRAIQHRHPFIEWARPPQPSGVEKAKAMPSRILKTHLSTQLLPPSFWENNCKFLYVARNKDCMVSY  
YHFQRMNHMLPDPGTWEEYFETFINGKVVWGSWFDHVKGWVEMKDRHQILFLFYEDIKRDPKHEIRKVMQFMGKKV  
DETVLDKIVQETSFEKMKENPMTNRSTVSKSILDQSISSFMKGTVGDWKNHFTVAQNERFDEIYRRKMEGTSINFCMEL

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.