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SULT1C4 1-302aa, Human, His tag, E.coli

产品货号: TP04091

第三版

别名:Sulfotransferase 1C4, SULT1C, SULT1C2

描述:Sulfotransferase 1C4, also known as SULT1C4, belongs to the SULT subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. SULT1C4 catalyzes the sulfonation of p-nitrophenol and N-hydroxy-2-acetylaminofluorene, but not dopamine. Recombinant human SULT1C4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

分子量:37.6kDa (322aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMALHDMEDFTFDGTKRLSVNYVKGILQPTDTCDIWDKIWNFQAKPDDLLISTYPKAGT
TWTQEIVELIQNEGDVEKSKRAPHQRFPFLEMKIPSLGSGLEQAHAMPSRILKTHLPFHLLPPSLLEKNCKIIVARNPKD
NMVSYHFQRMNKALPAPGTWEEYFETFLAGKVCWGSWHEHVKGWWEAKDKHRILYLFYEDMKKNPKHEIQKLAEFI
GKKLDDKVLDKIVHYTSFDVMKQNP MANYSSIPAEIMDHSISPFMRKGAVGDWKKHFTVAQNERFDEYKKKMTDTRL
TFHFQF

纯度:> 95% by HPLC

浓度:1mg/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.