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SULT1B1, 1-296aa, Human, His tag, E.coli

产品货号: TP04089

第三版

**别名:**Sulfotransferase family, cytosolic, 1B, member 1, ST1B1, ST1B2, SULT1B2

**描述:**Sulfotransferase family, cytosolic, 1B, member 1, also known as SULT1B1, is an enzyme that in humans is encoded by the SULT1B1 gene. SULT1B1 contains a binding site for the sulfate donor, 3-prime-phosphoadenosine 5-prime-phosphosulfate, and a cysteine residue conserved in the ST1 gene family of sulfotransferases. Sulfotransferases such as SULT1B1 catalyze the biotransformation of a large number of endogenous compounds such as neurotransmitters, steroids, bile acids, and thyroid hormones, as well as drugs and xenobiotics. Recombinant human SULT1B1 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, 10% glycerol

**分子量:**37.4kDa (320aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMLSPKDILRKDLKLVHGYPMTCASFASNWEKIEQFHSRPDDIVIATYPKSGTTWVS  
EIIDMILNDGDIEKCKRGFITEKVPMLEMTLPGLRTSGIEQLEKNPSPRIVKTHLPTDLLPKSFWENNCKMIYLARNAKDVS  
SYYHFDLMNNLQPFPGTWEEYLEKFLTGKVAYGSWFTHVKNWWKKKEEHPILFLYEDMKENPKKEIKKIIRFLEKNLND  
EILDRIIHHHTSFEVMKDNPLVNYTHLPTTVMDHSPFMRKGTAGDWKNYFTVAQNEKFDIYETEMSKTALQFRTEI

**纯度:**> 95% by HPLC

**浓度:**1 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.