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SULT1A2, 1-295aa, Human, His tag, E.coli

产品货号: TP04088

第三版

别名:Sulfotransferase 1A2, HAST4, P-PST, ST1A2, STP2, TSPST2

描述:Sulfotransferase 1A2, also known as SULT1A2, is a member of sulfotransferase family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. It mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk. Recombinant human SULT1A2 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 1mM DTT, 10% glycerol, 0.1M NaCl

分子量:36.4 kDa (315aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMELIQDISRPPELVKGVPLIKYFAEALGPLQSFQARPDDLSTYPKSGTTWVSQILDMIY
QGGDLEKCHRAPIFMRVPFLEFKVPGIPSGMETLKNTAPRLLKTHLPLALLPQTLLDQKVKVYVARNAKDVAVSYYHF
YHMAKVYPHPGTWESFLEKFMAGEVSYGSWYQHVQEWWELSRTHPVLVLFYEDMKENPKREIQKILEFVGRSLPEETVD
LMVEHTSFKEMKKNPMTNYTTVRREFMDHSISPFMRKGMAGDWKTTFTVAQNERFDADYAEKMAGCSLSFRSEL

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.