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SULT2A1, 1-285aa, Human, His tag, E.coli

产品货号: TP04092

第三版

别名: Bile salt sulfotransferase, DHEA-ST, DHEAS, HST, hSTa, ST2, ST2A1, ST2A3

描述: SULT2A1, also known dehydroepiandrosterone sulphotransferase, belongs to the sulfotransferase family. This protein is mainly expressed in liver and adrenal tissues, and to a lesser extent in kidney. It catalyzes the 3'-phosphoadenosine 5'-phosphosulfate-dependent sulfation of a wide variety of steroids in human liver and adrenal tissues, and is also responsible for most of the sulfation of bile acids in human liver. Recombinant human SULT2A1 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: 35.9 kDa (305aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSDDFLWFEGIAFPTMGFRSETLRKVRDEFVIRDEDVIILTYPKSGTNWLAEILCLMHSKG
DAKWIQSVPIWERSPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFSSKAKVIYLMRNPRDVLVSGYFFWKNMKFIKKPKS
WEEYFEWFQCQGTVLYGSWFDHIHGWMMPMREEKNFLLLSYEELKQDTGRTIEKICQFLGKTLPEELNLILKNSSFQSMKEN
KMSNYLLSVDYVVDKAQLLRKGVSGDWKNHFTVAQAEDFDKLFQEKMADLPRELPWE

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.