

32-2830: SULT2A1 Recombinant Protein

Alternative Name : Sulfotransferase family cytosolic 2A dehydroepiandrosterone (DHEA)-preferring member 1,DHEA-ST,STD,HST,ST2,ST2A1,ST2A3,Alcohol/hydroxysteroid sulfotransferase,bile-salt sulfotranasferase 2A1,EC 2.8.2.14.

Description

Source : Escherichia Coli. SULT2A1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 305 amino acids (1-285a.a) and having a molecular mass of 35.9kDa.SULT2A1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SULT2A1 is a member fo the sulfotransferase family. SULT2A1 is primarily expressed in liver and adrenal tissues, and to a lesser extent in kidney. SULT2A1 catalyzes the 3'-phosphoadenosine 5'-phosphosulfate-dependent sulfation of an extensive selection of steroids in human liver and adrenal tissues, and in addition is responsible for a larg number of the sulfation of bile acids in human liver.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : SULT2A1 protein solution (1mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MSDDFLWFEG IAFPTMGFRS ETLRKVRDEF VIRDEDVIL
TYPKSGTNWL AEILCLMHSK GDAKWIQSVP IWERSPWVES EIGYTALSET ESPRLFSSHL
PIQLFPKSFF SSKAKVIYLM RNPRDVLVSG YFFWKNMKFI KKPKSWEYF EWFCQGTVLY
GSWFDHIHGW MPMREEKNFL LLSYEELKQD TGRTIEKICQ FLGKTLEPEE LNLILKNSSF
QSMKENKMSN YSLLSVDYVV DKAQLLRKGV SGDWKNHFTV QAEDFDKLF QEKMADLPRE
LFPWE

