

## Sulfotransferase Family, Cytosolic, 2A, Member 1 Human Recombinant

<b>Item Number</b>	rAP-1937
<b>Synonyms</b>	Sulfotransferase family cytosolic 2A dehydroepiandrosterone (DHEA)-preferring member 1, DHEA-ST, STD, HST, ST2, ST2A1, ST2A3, Alcohol/hydroxysteroid sulfotransferase, bile-salt sulfotransferase 2A1, EC 2.8.2.14.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q06520
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MSDDFLWFEG IAFPTMGFRS ETLRKVRDEF VIRDEDVIL TYPKSGTNWL AEILCLMHSK GDAKWQSVV IWERSPWVES EIGYTALSET ESPRLFSSHL PIQLFPKSF SSKAKVIYLM RNPRDVLVSG YFFWKNMKFI KKPKSWEEYF EWFCQGTPLY GSWFDHIHGW MPMREEKNFL LLSYEELKQD TGRTIEKICQ FLGKTLPEEE LNLILKNSSF QSMKENKMSN YSLLSVDYVV DKAQLLRKGV SGDWNHFTV AQAEDFDKLF QEKMADLPRE LFPWE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	SULT2A1 protein solution (1mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**