

## 32-2831: SULT2B1 Recombinant Protein

**Alternative Name :** SULT2B1,HSST2,EC 2.8.2.2,Sulfotransferase 2B1,Hydroxysteroid sulfotransferase 2,ST2B1,Sulfotransferase family cytosolic 2B member 1.

### Description

Source : Escherichia Coli. SULT2B1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 365 amino acids (1-365 a.a.) and having a molecular mass of 41.3 kDa. SULT2B1 protein is purified by standard chromatography. SULT2B1 catalyzes the sulfate conjugation of numerous hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation enhances the water solubility of molecules, and therefore their renal excretion, however it can also result in bioactivation to form active metabolites. SULT2B1b is localized in the cytosol and nuclei of human cells. SULT2B1b is selective for the sulfation of 3beta-hydroxysteroids such as dehydroepiandrosterone and pregnenolone, and participates in cholesterol sulfation in human skin.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** (SULT2B1 Human solution containing 20mM Tris HCL pH-7.5, & 10% glycerol.  
**Storage condition :** SULT2B1 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.  
**Amino Acid :** MDGPAEPQIP GLWDTYEDDI SEISQKLPG YFRYKGVFPF VGLYSLEIS LAENTQDVRD DDIFIITYPK  
 SGTWMIIEI CLILKEGDPS WIRSVPIWER APWCETIVGA FSLPDQYSPR LMSSHLPIQI FTKAFFSSKA  
 KVIYMGRNPR DVVVSlyHYS KIAGQLKDPG TPDQFLRDFL KGEVQFGSWF DHIKGWLRMK GKDNFLFITY  
 EELQQDLQGS VERICGFLGR PLGKEALGSV VAHSTFSAMK ANTMSNYTLL PPSLLDHRRG AFLRKGVC GD  
 WKNHFTVAQS EAFDRAYRKQ MRGMPTFPWD EDPEEDGSPD PEPSPEPEPK PSLEPNTSLE REPRPNSSPS  
 PSPGQASETP HPRPS.

