

## Sulfotransferase Family, Cytosolic, 1B, Member 1 Human Recombinant

<b>Item Number</b>	rAP-2004
<b>Synonyms</b>	Sulfotransferase family cytosolic 1B member 1, Thyroid hormone sulfotransferase, Sulfotransferase 1B1, Sulfotransferase 1B2, ST1B1, EC 2.8.2.-, SULT1B2.
<b>Description</b>	SULT1B1 Human Recombinant produced in E. coli is a single polypeptide chain containing 320 amino acids (1-296) and having a molecular mass of 37.4kDa. SULT1B1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O43704
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSFMLSPKD ILRKDLKLVH GYPMTCAFAS NWEKIEQFHS RPDDIV- ITY PKSGTTWVSE IIDMILNDGD IEKCKRGFIT EKVPMLEMTL PGLRTSGIEQ LEKNPSPRIV KTH- LPTDLLP KSFWENNCKM IYLARNAKDV SVSYHFDLM NNLQPFPGTW EEYLEKFLTG KVAYGSWFTH VKNWWKKKEE HPILFLYED MKENPKKEIK KIIRFLEKNL NDEILDRIIH HTSFEVMKDN PLVNYTHLPT TVMDHKSPPF MRKGTAGDWK NYFTVAQNEK FDIYETEMS KTALQFRTEI
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless 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>	The SULT1B1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol. Greater than 95% 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**