

32-2826: SULT1B1 Recombinant Protein

Alternative Name : Sulfotransferase family cytosolic 1B member 1,Thyroid hormone sulfotransferase,Sulfotransferase 1B1,Sulfotransferase 1B2,ST1B1,EC 2.8.2.-,SULT1B2.

Description

Source : E.coli. 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. SULT1B1 enzyme in humans is encoded by the SULT1B1 gene. SULT1B1 holds a binding site for 3-prime-phosphoadenosine 5-prime-phosphosulfate, a sulfate donor, in addition to a cysteine residue conserved in the ST1 gene family of sulfotransferases. Sulfotransferases like SULT1B1 catalyze the biotransformation of a great amount of endogenous amalgams such as bile acids, neurotransmitters, steroids, and thyroid hormones, in addition to drugs and xenobiotics.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The SULT1B1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.
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 SGLVPRGSH MGSHTMLSPKD ILRKDLKLVH GYPMTCAFAS NWEKIEQFHS RPDDIVIATY
PKSGTTWVSE IIDMILNDGD IEKCKRGFIT EKVPMLEMTL PGLRTSGIEQ LEKNPSPRIV KTHLPTDLLP
KSFWENNCKM IYLARNAKDV SVSYHFDLM NNLQFPFGTW EEYLEKFLTG KVAYGSWFTH
VKNWWKKKEE HPILFLYED MKENPKKEIK KIIRFLEKNL NDEILDRIIH HTSFEVMKDN PLVNYTHLPT
TVMDHKSPPF MRKGTAGDWK NYFTVAQNEK FDAIYETEMS KTALQFRTEI