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SULT2B1 Human

Catalog #:ENPS-519

For research use only.

Description: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.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MDGPAEPQIP GLWDTYEDDI SEISQKLPGE YFRYKGVPFP VGLYSLESIS LAENTQDVRD DDIFIITYPK SGTTWMIEII CLILKEGDPSWIRSVPIWER APWCETIVGA FSLPDQYSPR LMSSHLPIQI FTKAFFSSKA KVIYMGRNPR DVVVSLYHYS KIAGQLKDPG TPDQFLRDFLKGEVQFGSWF DHIKGWLRMK GKDNFLFITY EELQQDLQGS VERICGFLGR PLGK

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:
(SULT2B1 Human solution containing 20mM Trsi HCL pH-7.5, & 10% glycerol.

Stability:
SULT2B1 Human althoμgh stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Usage:
NeoBiolab''s products are furnished forLABORATORY RESEARCHUSEONLY. They may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
SULT2B1 catalyzes the sulfate conjμgation of numerous hormones, neurotransmitters, drμgs 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.

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