

SULT2B1 Human

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.

Catalog #:ENPS-519

For research use only.

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 YFRYKGVFPF
VGLYSLESLIS LAENTQDVRD DDIFIITYPK SGTTWMIIEI CLILKEGDPWIRSVPIWER
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 Tris HCL pH-7.5, & 10% glycerol.

Stability:

SULT2B1 Human although 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 for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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