

32-8114: Recombinant Human Sulfotransferase 2B1/SULT2B1 (C-6His)

Gene : SULT2B1

Gene ID : 6820

Uniprot ID : O00204

Description

Source: E. coli.

MW :36.6kD.

Recombinant Human Sulfotransferase 2B1 is produced by our E.coli expression system and the target gene encoding Met1-Glu311 is expressed with a 6His tag at the C-terminus. Sulfotransferase Family Cytosolic 2B Member 1(SULT2B1) is a member of the Sulfotransferase 1 family. SULT2B1 is highly expressed in the placenta, prostate, and trachea with lower expression levels in the small intestine and lung. 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 SULT2B1 can also result in bioactivation to form active metabolites.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 0.1M NaCl, 1mM EDTA, pH 8.0.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MDGPAEPQIPGLWDTYEDDISEISQKLPGEYFRYKGVFPVGLYSLESLAENTQDVRDDDIFIITYPKSGTTWM
IEIICLILKEGDPSWIRSVPIWERAPWCETIVGAFSLPDQYSPRLMSSHLPIQFTKAFFSSKAKVIYMGRNPRDVV
SLYHYSKIAGQLKDPGTPDQFLRDFLKGEVQFGSWFDHIKGLRMKGDNLFITYEELQDLQGSVERICGFL
GRPLGKEALGSVVAHSTFSAMKANTMSNYLLPSSLDDHRRGAFLRKGVCGDWKNHFTVAQSEAFDRAYRKQ
MRGMPTFPWDEVDDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.