

32-8195: Recombinant Human Sulfotransferase 1B1/SULT1B1 (N-6His)

Gene : SULT1B1

Gene ID : 27284

Uniprot ID : O43704

Description

Source: E. coli.

MW :36.3kD.

Recombinant Human Sulfotransferase 1B1 is produced by our E.coli expression system and the target gene encoding Met1-Ile296 is expressed with a 6His tag at the N-terminus. Sulfotransferase Family Cytosolic 1B Member 1 (SULT1B1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. Human SULT1B1 is a 296 amino acid protein that is highly expressed in the liver, peripheral blood leukocytes, colon, small intestine, and spleen. SULT1B1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it can catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.

Product Info

Amount : 10 µg / 50 µg

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

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

Amino Acid : MNHKVHHHHHMLSPKDILRKDLKLVHGYPMTCASFASNWEKIEQFHSRPDDIVIATYPKSGTTWVSEIIDMILN
DGDIEKCKRGFITEKVPMLEMTLPGLRTSGIEQLEKNPSPRIVKTHLPTDLLPKSFWENCKMIYLARNAKDVSV
SYYHFDLMNNLQFPFGTWEEYLEKFLTGKVAYGSWFTHVKNWWWKRKEEHPIFLYYEDMKENPKKEIKKIRFLE
KNLNDEILDRIIHHTSFEVMKDNPLVNYTHLPTTVMHDKSPFMRKGTAGDWKNYFTVAQNEKFDAYETEMSK
TALQFRTEI

Application Note

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