

32-8197: Recombinant Human Sulfotransferase 2A1/SULT2A1 (N-6His)

Gene : SULT2A1

Gene ID : 6822

Uniprot ID : Q06520

Description

Source: E. coli.

MW :35.2kD.

Recombinant Human Sulfotransferase 2A1 is produced by our E.coli expression system and the target gene encoding Ser2-Glu285 is expressed with a 6His tag at the N-terminus. Bile Salt Sulfotransferase (SULT2A1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. SULT2A1 is primarily expressed in the liver and adrenal tissues, and to a lesser extent in the kidney. SULT2A1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it catalyzes the sulfonation of steroids and bile acids in the liver and adrenal glands. SULT2A1 may have a role in the inherited adrenal androgen excess.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, pH 8.0.

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

Amino Acid : MNHKVHHHHHMSDDFLWFEGIAFPTMGFRSETLRKVRDEFVIRDEDVIILTYPKSGTNWLAEILCLMHSKGD
AKWIQSVPIWERSPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFSSKAKVIYLMRNPRDVLVSGYFFWKNMK
FIKKPKSWEEYFEWFCQGTVLYGWFHDHIGWMPMREEKNFLLSYEELKQDTGRTIEKICQFLGKTLEPEELNL
ILKNSSFQSMKENKMSNYLLSVDYVVDKAQLLRKGVSGDWKNHFTVAQAEDFDKLFQEKMADLPRELFPWE

Application Note

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