

## 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 :** MNHKVHHHHHMSDDFLWFEGIAFPTMGFRSETLRKVRDEFVIRDEDVIILTYPKSGTNWLAEILCLMHSGD  
AKWIQSVPIWERSPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFSSKAKVIYLMRNPRDVLVSGYFFWKNMK  
FIKKPKSWEEYFEWFCQGTVLYGWFHDHIGWMPMREEKNFLLSYEELKQDTGRTIEKICQFLGKTLEPEELNL  
ILKNSSFQSMKENKMSNYLLSVDYVVDKAQLLRKGVSGDWKNHFTVAQAEDFDKLFQEKMADLPRELFPWE

### Application Note

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