

Recombinant Human Sulfotransferase/SULT1C4/SULT1C2 Protein

Cat.NO.: TP05251

3th Edition

Synonyms:SULT1C4;Sulfotransferase;SULT1C2;hCG_27301;;

Description:Human Sulfotransferase (SULT1C4) is an enzyme that in humans is encoded by the SULT1C4 gene, belongs to the sulfotransferase 1 family. SULT1C4 is expressed at high levels in fetal lung and kidney and at low levels in fetal heart, adult kidney, ovary and spinal chord. Sulfotransferase utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. It shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF). SULT1C4 plays an important role incatalyzing the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.

Form:PBS

Molecular Weight:14.1 kDa

Sequences:Met 1-Lys102

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.