

32-8196: Recombinant Human Sulfotransferase 1C2/SULT1C2 (N-6His)

Gene : SULT1C2

Gene ID : 6819

Uniprot ID : O00338

Description

Source: E. coli.

MW :36.3kD.

Recombinant Human Sulfotransferase 1C2 is produced by our E.coli expression system and the target gene encoding Met1-Leu296 is expressed with a 6His tag at the N-terminus. Sulfotransferase 1C2 (SULT1C2) is a cytosolic enzyme member of the Sulfotransferase 1 family. Human SULT1C2 is primarily expressed in the adult stomach, kidney and thyroid gland, and in the fetal kidney and liver. SULT1C2 catalyzes the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It shows activity towards p-nitrophenol and N-hydroxy-2-acetylaminofluorene (N-OH-2AAF).

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 0.1M NaCl, pH 8.5.

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

Amino Acid : MNHKVHHHHHMAITSDLGKQIKLKEVEGTLLQPATVDNWSQIQSFQAKPDDLLICTYPKAGTTWQIEIVDMIE
QNGDVEKCCQRAIIQHRHPFIEWARPPQPSGVEKAKAMPSRILKTHLSTQLLPSPFWENNCKFLYVARNAKDCM
VSYYHFQRMNHMLPDPGTWEEYFETFINGKVVWGSWFDHVKGWVEMKDRHQILFLFYEDIKRDPKHEIRKV
MQFMGKKVDETVDKIVQETSFEKMKENPMTNRSTVSKSILDQSISSFMRKGTVDGWKNHFTVAQNERFDEIY
RRKMEGTSINFCMEL

Application Note

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