

32-8115: Recombinant Human Sulfotransferase 1A2/SULT1A2 (N-6His)

Gene : SULT1A2

Gene ID : 6799

Uniprot ID : P50226

Description

Source: E. coli.

MW :36.4kD.

Recombinant Human Sulfotransferase 1A2 is produced by our E.coli expression system and the target gene encoding Met1-Leu295 is expressed with a 6His tag at the N-terminus. Sulfotransferase 1A2 (SULT1A2) is a member of the Sulfotransferase 1 family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. SULT1A2 is a cytoplasmic protein and exists as a homodimer. SULT1A2 mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and might thus participate as a modulating factor of cancer risk.

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 : MGSSHHHHHSSGLVPRGSHMELIQDISRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLSTYPKSGTTWVS
QILDMIYQGGDLEKCHRAPIFMRVPFLEFKVPGIPSGMETLKNTAPRLLKTHLPLALLPQTLLDQKVKVVYVARN
AKDVAVSYHYFYHMAKVYPHPTWESFLEKFMAGEVSYGSWYQHVQEWELSRTHPVLYLFYEDMKENPKR
EIQKILEFVGRSLPEETVDLMVEHTSFKEMKKNPMTNYTTVRREFMDHSISPFMRKGMAGDWKTTFTVAQNER
FDADYAEKMAGCSLSFRSEL

Application Note

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