

## 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 :** MGSSHHHHHSSGLVPRGSHMELIQDISRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLLISTYPKSGTTWVS  
QILDMIYQGGDLEKCHRAPIFMRVPFLEFKVPGIPSGMETLKNTAPRLLKTHLPLALLPQTLLDQKVKVYVARN  
AKDVAVSYHYFYHMAKVYPHPTWESFLEKFMAGEVSYGSWYQHVQEWELSRTHPVLYLFYEDMKENPKR  
EIQKILEFVGRSLPEETVDLMVEHTSFKEMKKNPMTNYTTVRREFMDHSISPFMRKGMAGDWKTTFTVAQNER  
FDADYAEKMAGCSLSFRSEL

### Application Note

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