

## 32-8206: Recombinant Human Sulfotransferase 1A3/SULT1A3 (N-6His)

**Gene :** SULT1A3  
**Gene ID :** 105369243  
**Uniprot ID :** P50224

### Description

Source: E. coli.  
MW :35.6kD.

Recombinant Human Sulfotransferase 1A3 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 1A3/1A4 (SULT1A3) is 295 amino acids in length and localizes to the cytoplasm. It is a member of the Sulfotransferase 1 family. SULT1A3 can be found in the liver, colon, kidney, lung, brain, spleen, small intestine, placenta, and leukocytes. SULT1A3 exists as a homodimer and it catalyzes the sulfation of phenolic monoamines, such as dopamine, norepinephrine and serotonin, and phenolic and catecholic drugs.

### 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 :** MNHKVHHHHHMHMELIQDTSRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLINTYPKSGTTWVSQILDMIYQ  
GGDLEKCNRAPIYVRVPFLEVNDPGEPGLETLKDTPPPRLIKSHLPLALLPQTLLDQVKVYVARNPKDVAVS  
YYHFHRMEKAHPEPGTWDSFLEKFMAGEVSYGSWYQHVQEWELSRTHPVLYLFYEDMKENPKREIQKILEF  
VGRSLPEETMDFMVQHTSFKEMKKNPMTNYTTVPQELMDHSISPFMRKGMAGDWKTTFTVAQNERFDADYA  
EKMAGCSLSFRSEL

### Application Note

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