

Recombinant Human Sulfotransferase 1A2/SULT1A2 Protein(N-6His)

Cat.NO.: TP05000

3th Edition

Synonyms:Sulfotransferase 1A2; ST1A2; Aryl Sulfotransferase 2; Phenol Sulfotransferase 2; Phenol-Sulfating Phenol Sulfotransferase 2; P-PST 2; SULT1A2; STP2

Description: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.

Form:PBS

Molecular Weight:36.4 kDa

Sequences:Met 1-Leu295

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.