

**Recombinant Human Cytosolic Sulfotransferase Family 1B Member 1 Protein**

**Cat.NO.: TP05964**

3th Edition

**Synonyms:**Sulfotransferase Family Cytosolic 1B Member 1; ST1B1; Sulfotransferase 1B1; Sulfotransferase 1B2; ST1B2; Thyroid Hormone Sulfotransferase; SULT1B1; ST1B2; SULT1B2

**Description:**Sulfotransferase Family Cytosolic 1B Member 1 (SULT1B1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. Human SULT1B1 is a 296 amino acid protein that is highly expressed in the liver, peripheral blood leukocytes, colon, small intestine, and spleen. SULT1B1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it can catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.

**Form:**PBS

**Molecular Weight:**36.3 kDa

**Sequences:**Met 1-Ile296

**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.