

**Recombinant Human Cytosolic Sulfotransferase Family 1A Member 3 Protein**

**Cat.NO.: TP05985**

3th Edition

**Synonyms:**Sulfotransferase 1A3/1A4; ST1A3/ST1A4; Aryl Sulfotransferase 1A3/1A4; Catecholamine-Sulfating Phenol Sulfotransferase; HAST3; M-PST; Monoamine-Sulfating Phenol Sulfotransferase; Placental Estrogen Sulfotransferase; Sulfotransferase Monoamine-Preferring; Thermolabile Phenol Sulfotransferase; TL-PST; SULT1A3; STM; SULT1A4

**Description:**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.

**Form:**PBS

**Molecular Weight:**35.6 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.