



Recombinant Protein Technical Manual

Recombinant Human SULT1B1 Protein (His Tag)

RPES2715

Product Data:

Product SKU: RPES2715

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: NP_055280.2

Protein Information:

Molecular Mass: 36.3 kDa

AP Molecular Mass: 35 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Met 1-Ile296

Background:

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.