



Recombinant Protein Technical Manual

Recombinant Human SULT1C2 Protein (His Tag)

RPES0319

Product Data:

Product SKU: RPES0319

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O00338

Protein Information:

Molecular Mass: 36.3 kDa

AP Molecular Mass: 38 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % 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: Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, pH 8.5.

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

Application:

Synonyms: Sulfotransferase 1C2; ST1C2; Sulfotransferase 1C1; SULT1C#1; humSULTC2; SULT1C2; SULT1C1;

Immunogen Information:

Sequence: Met 1-Leu296

Background:

Sulfotransferase 1C2 (SULT1C2) is a cytosolic enzyme member of the Sulfotransferase 1 family. Human SULT1C2 is primarily expressed in the adult stomach, kidney and thyroid gland, and in the fetal kidney and liver. SULT1C2 catalyzes the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF).