



Recombinant Protein Technical Manual

Recombinant Human SULT2A1 Protein (His Tag)

RPES2855

Product Data:

Product SKU: RPES2855

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q06520

Protein Information:

Molecular Mass: 35.2 kDa

AP Molecular Mass: 38 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: Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, pH 8.0.

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

Application:

Synonyms: Bile Salt Sulfotransferase; Dehydroepiandrosterone Sulfotransferase; DHEA-ST; Hydroxysteroid Sulfotransferase; HST; ST2; ST2A3; Sulfotransferase 2A1; ST2A1; SULT2A1; HST; STD; DHEA-ST; DHEAS; ST2A3

Immunogen Information:

Sequence: Ser2-Glu285

Background:

Bile Salt Sulfotransferase (SULT2A1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. SULT2A1 is primarily expressed in the liver and adrenal tissues, and to a lesser extent in the kidney. SULT2A1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it catalyzes the sulfonation of steroids and bile acids in the liver and adrenal glands. SULT2A1 may have a role in the inherited adrenal androgen excess.