



Recombinant Protein Technical Manual  
Recombinant Human SULT2B1 Protein (aa 1-311, His  
Tag)  
RPES2876

### Product Data:

**Product SKU:** RPES2876

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** NP\_004596.2

### Protein Information:

**Molecular Mass:** 36.6 kDa

**AP Molecular Mass:** 35 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 85 % 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, 0.1M NaCl, 1mM EDTA, pH 8.0.

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

**Application:**

**Synonyms:** Sulfotransferase Family Cytosolic 2B Member 1; ST2B1; Sulfotransferase 2B1; Alcohol Sulfotransferase; Hydroxysteroid Sulfotransferase 2; SULT2B1; HSST2

## Immunogen Information:

**Sequence:** Met 1-Glu311

## Background:

Sulfotransferase Family Cytosolic 2B Member 1(SULT2B1) is a member of the Sulfotransferase 1 family. SULT2B1 is highly expressed in the placenta, prostate, and trachea with lower expression levels in the small intestine and lung. SULT2B1 catalyzes the sulfate conjugation of numerous hormones, neurotransmitters, drugs, and xenobiotic compounds. Sulfonation enhances the water solubility of molecules, and therefore their renal excretion, however SULT2B1 can also result in bioactivation to form active metabolites.