

## Product datasheet for **TP710313**

### **SULT2B1 (NM\_177973) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human sulfotransferase family, cytosolic, 2B, member 1 (SULT2B1), transcript variant 2, full length, with C-terminal DDK tag, expressed in sf9, 20ug
<b>Species:</b>	Human
<b>Expression Host:</b>	Sf9
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence from TrueORF clone, RC204478, encoding human full-length SULT2B1
<b>Tag:</b>	C-DDK
<b>Predicted MW:</b>	41.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_814444</a>
<b>Locus ID:</b>	6820
<b>UniProt ID:</b>	<a href="#">O00204</a>
<b>RefSeq Size:</b>	1228
<b>Cytogenetics:</b>	19q13.33
<b>RefSeq ORF:</b>	1095
<b>Synonyms:</b>	ARCI14; HSST2



[View online »](#)

**Summary:**

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

**Protein Pathways:**

Androgen and estrogen metabolism, Sulfur metabolism

**Product images:**