

## Recombinant Human SULT2B1 Protein, DDK-tagged

Cat. No. SULT2B1-180H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SULT2B1, transcript variant 2, fused with DDK tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	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.
<b>Form</b>	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
<b>Molecular Mass</b>	41.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	SULT2B1 sulfotransferase family, cytosolic, 2B, member 1 [ Homo sapiens ]
<b>Official Symbol</b>	SULT2B1
<b>Synonyms</b>	SULT2B1; sulfotransferase family, cytosolic, 2B, member 1; sulfotransferase family cytosolic 2B member 1; HSST2; ST2B1; sulfotransferase 2B1; alcohol sulfotransferase; hydroxysteroid sulfotransferase 2;
<b>Gene ID</b>	6820
<b>mRNA Refseq</b>	NM_177973
<b>Protein Refseq</b>	NP_814444
<b>MIM</b>	604125
<b>UniProt ID</b>	O00204

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