

**Product Name: Recombinant Human SULT2B1 (C-6His)**  
**Catalog #: PEH1587**



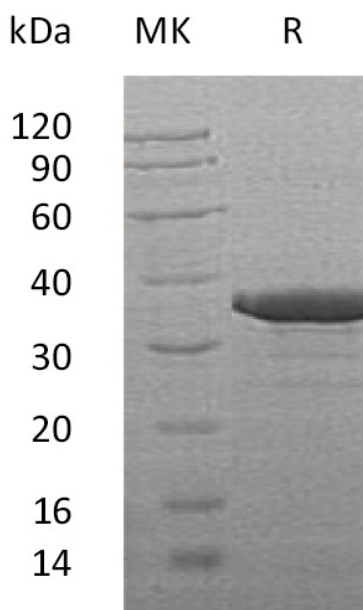
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## Summary

<b>Name</b>	SULT2B1/Cytosolic Sulfotransferase 2B1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Cytosolic Sulfotransferase Family 2B Member 1 is produced by our E.coli expression system and the target gene encoding Met1-Glu311 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	O00204
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	36.6 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM EDTA, pH 8.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image

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### **Alternative Names**

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

### **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.

### **Note**

For Research Use Only , Not for Diagnostic Use.