

Product Name: Recombinant Human SULT1B1 (N-6His)
Catalog #: PEH1584

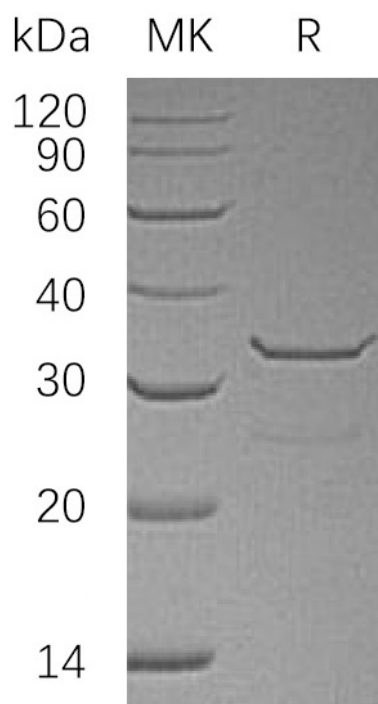


Summary

Name	SULT1B1/Cytosolic Sulfotransferase 1B1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cytosolic Sulfotransferase Family 1B Member 1 is produced by our E.coli expression system and the target gene encoding Met1-Ile296 is expressed with a 6His tag at the N-terminus.
Accession #	AAH10895.1
Host	E.coli
Species	Human
Predicted Molecular Mass	36.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	

SDS-PAGE image

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Alternative Names

Sulfotransferase Family Cytosolic 1B Member 1; ST1B1; Sulfotransferase 1B1; Sulfotransferase 1B2; ST1B2; Thyroid Hormone Sulfotransferase; SULT1B1; ST1B2; SULT1B2

Background

Sulfotransferase Family Cytosolic 1B Member 1 (SULT1B1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. Human SULT1B1 is a 296 amino acid protein that is highly expressed in the liver, peripheral blood leukocytes, colon, small intestine, and spleen. SULT1B1 utilizes 3-phospho-5-adenylyl sulfate (PAPS) as sulfonate donor, and it can catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.

Note

For Research Use Only , Not for Diagnostic Use.