

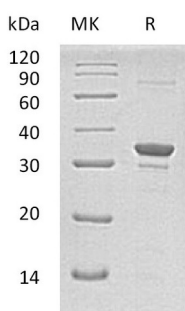
Product Name: Recombinant Human SULT1A2 (N-6His)
Catalog #: PEH1580



Summary

Name	Sulfotransferase 1A2/SULT1A2/STP2
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 1A Member 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu295 is expressed with a 6His tag at the N-terminus.
Accession #	AAI13728.1
Host	E.coli
Species	Human
Predicted Molecular Mass	36.4 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



Background

Alternative Names	Sulfotransferase 1A2; ST1A2; Aryl Sulfotransferase 2; Phenol Sulfotransferase 2; Phenol-Sulfating Phenol Sulfotransferase 2; P-PST 2; SULT1A2; STP2
Background	Sulfotransferase 1A2 (SULT1A2) is a member of the Sulfotransferase 1 family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,

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neurotransmitters, drugs, and xenobiotic compounds. SULT1A2 is a cytoplasmic protein and exists as a homodimer. SULT1A2 mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and might thus participate as a modulating factor of cancer risk.

Note

For Research Use Only , Not for Diagnostic Use.