

Product Name: Recombinant Human SULT2A1 (N-6His)
Catalog #: PEH1586

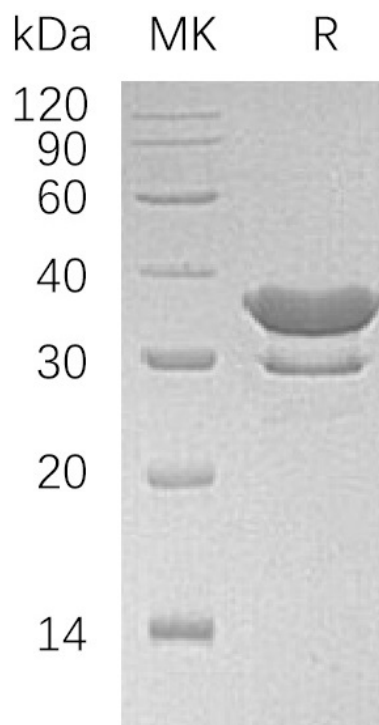


Summary

Name	SULT2A1/Cytosolic Sulfotransferase 2A1
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 2A Member 1 is produced by our E.coli expression system and the target gene encoding Ser2-Glu285 is expressed with a 6His tag at the N-terminus.
Accession #	Q06520
Host	E.coli
Species	Human
Predicted Molecular Mass	35.2 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

Bile Salt Sulfotransferase; Dehydroepiandrosterone Sulfotransferase; DHEA-ST; Hydroxysteroid Sulfotransferase; HST; ST2; ST2A3; Sulfotransferase 2A1; ST2A1; SULT2A1; HST; STD

Background

Bile Salt Sulfotransferase (SULT2A1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. SULT2A1 is primarily expressed in the liver and adrenal tissues, and to a lesser extent in the kidney. SULT2A1 utilizes 3-phospho-5-adenylyl sulfate (PAPS) as sulfonate donor, and it catalyzes the sulfonation of steroids and bile acids in the liver and adrenal glands. SULT2A1 may have a role in the inherited adrenal androgen excess.

Note

For Research Use Only , Not for Diagnostic Use.