

Recombinant Human SULT2B1 Protein (His Tag)

Catalog Number:PKSH033369



Note: Centrifuge before opening to ensure complete recovery of vial contents.

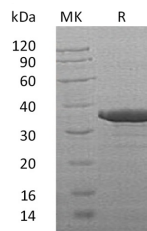
Description

Synonyms	Sulfotransferase Family Cytosolic 2B Member 1;ST2B1;Sulfotransferase 2B1;Alcohol Sulfotransferase;Hydroxysteroid Sulfotransferase 2;SULT2B1;HSST2
Species	Human
Expression Host	E.coli
Sequence	Met 1-Glu311
Accession	O00204
Calculated Molecular Weight	36.6 kDa
Observed molecular weight	35 kDa
Tag	C-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM EDTA, pH 8.0.
Reconstitution	Not Applicable

Data



> 85 % as determined by reducing SDS-PAGE.

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.

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