

Recombinant Human SULT2B1 Protein (aa 1-311, His Tag)

Catalog No. PKSH033369

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	Met1-Glu311
Accession	NP_004596.2
Mol_Mass	36.6 kDa
AP_Mol_Mass	35 kDa
Tag	C-6His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg 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, 0.1M NaCl, 1mM EDTA, pH 8.0.
Reconstitution	Not Applicable

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.

SDS-PAGE

