

Product Name: Recombinant Human SULT1C2 (N-6His)
Catalog #: PEH1581

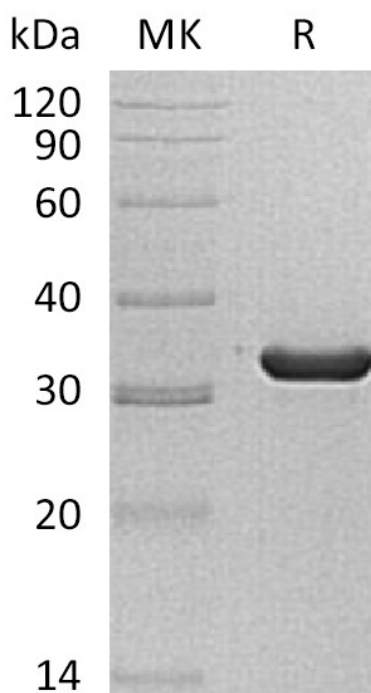


Summary

Name	Sulfotransferase 1C4/SULT1C2
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 1C Member 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu296 is expressed with a 6His tag at the N-terminus.
Accession #	O00338
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 8.5.
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

Product Name: Recombinant Human SULT1C2 (N-6His)
Catalog #: PEH1581



Alternative Names

Sulfotransferase 1C2; ST1C2; Sulfotransferase 1C1; SULT1C#1; humSULTC2; SULT1C2; SULT1C1;

Background

Sulfotransferase 1C2 (SULT1C2) is a cytosolic enzyme member of the Sulfotransferase 1 family. Human SULT1C2 is primarily expressed in the adult stomach, kidney and thyroid gland, and in the fetal kidney and liver. SULT1C2 catalyzes the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF).

Note

For Research Use Only , Not for Diagnostic Use.