

Product datasheet for **TP727309**

SULT1C4 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Sulfotransferase/SULT1C4/SULT1C2
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Lys102
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 10mM NaAc,pH 4.0.
Note:	Recombinant Human Cytosolic Sulfotransferase Family 1C Member 4 is produced by our E.coli expression system and the target gene encoding Met1-Lys102 is expressed with a 6His tag at the N-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	27233
UniProt ID:	O75897
Synonyms:	SULT1C4;Sulfotransferase;SULT1C2;hCG_27301;
Summary:	Human Sulfotransferase (SULT1C4) is an enzyme that in humans is encoded by the SULT1C4 gene, belongs to the sulfotransferase 1 family. SULT1C4 is expressed at high levels in fetal lung and kidney and at low levels in fetal heart, adult kidney, ovary and spinal chord. Sulfotransferase utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. It shows activity towards p-nitrophenol and N-hydroxy-2-acetyl-amino-fluorene (N-OH-2AAF). SULT1C4 plays an important role incatalyzing the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds.



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