

Product datasheet for AR39075PU-N

SULT1A2 (1-295, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	SULT1A2 (1-295, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MELIQDISRP PLEYVKGVPL IKYFAEALGP LQSFQARPDD LLISTYPKSG TTWVSQILDM IYQGGDLEKC HRAPIFMRVP FLEFKVPGIP SGMETLKNTP APRLLKTHLP LALLPQTLLD QKVKVVYVAR NAKDVAVSYY HFYHMAKVYP HPGTWESFLE KFMAGEVSYG SWYQHVQEWW ELSRTHPVLY LFYEDMKENP KREIQKILEF VGRSLPEETV DLMVEHTSFK EMKKNPMTNY TTVRREFMDH SISPFMRKGM AGDWKTTFTV AQNERFDADY AEKMAGCSLS FRSEL
Tag:	His-tag
Predicted MW:	36.4 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SULT1A2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001045</u>
Locus ID:	6799
UniProt ID:	<u>P50226</u>
Cytogenetics:	16p11.2
Synonyms:	HAST4; P-PST; P-PST 2; ST1A2; STP2; TSPST2



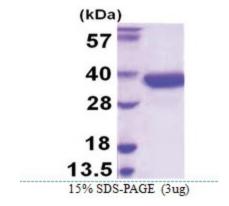
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SULT1A2 (1-295, His-tag) Human Protein – AR39075PU-N

Summary:Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,
neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different
in their tissue distributions and substrate specificities. The gene structure (number and
length of exons) is similar among family members. This gene encodes one of two phenol
sulfotransferases with thermostable enzyme activity. Two alternatively spliced variants that
encode the same protein have been described. [provided by RefSeq, Jul 2008]

Protein Pathways: Sulfur metabolism

Product images:



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