

Product datasheet for **AR50361PU-N**

SULT1B1 (1-296, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SULT1B1 (1-296, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFMLSPKD ILRKDLKLVH GYPMTCAFAS NWEKIEQFHS RPDDIVIATY PKSGTTWVSE IIDMILNDGD IEKCKRGFIT EKVPMLEMTL PGLRTSGIEQ LEKNPSPRIV KTHLPTDLLP KSFWENCKM IYLARNAKDV SVSYHFDLM NNLQPFPGTW EEYLEKFLTG KVAYGSWFTH VKNWWKKKEE HPILFLYYED MKENPKKEIK KIIRFLEKNL NDEILDRIIH HTSFVEMKDN PLVNYTHLPT TVMDHSKSPF MRKGTAGDWK NYFTVAQNEK FDAIYETEMS KTALQFRTEI
Tag:	His-tag
Predicted MW:	37.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SULT1B1 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_055280
Locus ID:	27284
UniProt ID:	O43704
Cytogenetics:	4q13.3
Synonyms:	ST1B1; ST1B2; SULT1B2



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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. However, the total genomic length of this gene is greater than that of other SULT1 genes. [provided by RefSeq, Jul 2008]

Product images: