

# Product datasheet for AR50361PU-S

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

### **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins   |
|--|--|
| Description:                             | SULT1B1 (1-296, His-tag) human recombinant protein, 0.1 mg   |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSHMLSPKD ILRKDLKLVH GYPMTCAFAS NWEKIEQFHS<br>RPDDIVIATY PKSGTTWVSE IIDMILNDGD IEKCKRGFIT EKVPMLEMTL PGLRTSGIEQ LEKNPSPRIV<br>KTHLPTDLLP KSFWENNCKM IYLARNAKDV SVSYYHFDLM NNLQPFPGTW EEYLEKFLTG<br>KVAYGSWFTH VKNWWKKKEE HPILFLYYED MKENPKEEIK KIIRFLEKNL NDEILDRIIH<br>HTSFEVMKDN PLVNYTHLPT TVMDHSKSPF MRKGTAGDWK NYFTVAQNEK FDAIYETEMS<br>KTALQFRTEI |
| Tag:                                     | His-tag  |
| Predicted MW:                            | 37.4 kDa   |
| Concentration:                           | lot specific   |
| Purity:                                  | >95% by SDS - PAGE   |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>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<br>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.<br>Avoid repeated freezing and thawing.   |
| Stability:                               | Shelf life: one year from despatch.  |
| RefSeq:                                  | <u>NP 055280</u>   |
| Locus ID:                                | 27284  |
| UniProt ID:                              | <u>043704</u>  |
| Cytogenetics:                            | 4q13.3   |
| Synonyms:                                | ST1B1; ST1B2; SULT1B2  |

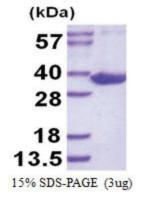


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Summary:Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,<br/>neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different<br/>in their tissue distributions and substrate specificities. The gene structure (number and<br/>length of exons) is similar among family members. However, the total genomic length of this<br/>gene is greater than that of other SULT1 genes. [provided by RefSeq, Jul 2008]

### **Product images:**



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