

# Product datasheet for AR09409PU-L

# SULT2B1 (1-365) Human Protein

## **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins   |
|--|--|
| Description:                             | SULT2B1 (1-365) human recombinant protein, 0.5 mg  |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | MDGPAEPQIP GLWDTYEDDI SEISQKLPGE YFRYKGVPFP VGLYSLESIS LAENTQDVRD DDIFIITYPK<br>SGTTWMIEII CLILKEGDPS WIRSVPIWER APWCETIVGA FSLPDQYSPR LMSSHLPIQI FTKAFFSSKA<br>KVIYMGRNPR DVVVSLYHYS KIAGQLKDPG TPDQFLRDFL KGEVQFGSWF DHIKGWLRMK<br>GKDNFLFITY EELQQDLQGS VERICGFLGR PLGKEALGSV VAHSTFSAMK ANTMSNYTLL<br>PPSLLDHRRG AFLRKGVCGD WKNHFTVAQS EAFDRAYRKQ MRGMPTFPWD EDPEEDGSPD<br>PEPSPEPEPK PSLEPNTSLE REPRPNSSPS PSPGQASETP HPRPS |
| Predicted MW:                            | 41.3 kDa   |
| Concentration:                           | lot specific   |
| Purity:                                  | >85% by SDS - PAGE   |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 10% glycerol  |
| Preparation:                             | Liquid purified protein  |
| Protein Description:                     | Recombinant human SULT2B1 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.<br>Avoid repeated freezing and thawing.  |
| Stability:                               | Shelf life: one year from despatch.  |
| RefSeq:                                  | <u>NP 004596</u>   |
| Locus ID:                                | 6820   |
| UniProt ID:                              | <u>000204</u>  |
| Cytogenetics:                            | 19q13.33   |
| Synonyms:                                | Sulfotransferase 2B1, ST2B1, Alcohol sulfotransferase, HSST2   |



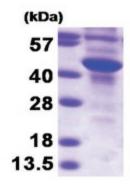
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## SULT2B1 (1-365) Human Protein – AR09409PU-L

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. This gene sulfates<br/>dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and<br/>estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode<br/>different isoforms have been described. [provided by RefSeq, Jul 2008]

Protein Pathways: Androgen and estrogen metabolism, Sulfur metabolism

## **Product images:**



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