

Product datasheet for AR09780PU-L

SULT1C2 / SULT1C1 (1-296, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins Description: SULT1C2 / SULT1C1 (1-296, His-tag) human recombinant protein, 0.5 mg Species: Human E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MALTSDLGKQ IKLKEVEGTL LQPATVDNWS QIQSFEAKPD **Expression cDNA Clone** DLLICTYPKA GTTWIQEIVD MIEQNGDVEK CQRAIIQHRH PFIEWARPPQ PSGVEKAKAM or AA Sequence: PSPRILKTHL STQLLPPSFW ENNCKFLYVA RNAKDCMVSY YHFQRMNHML PDPGTWEEYF ETFINGKVVW GSWFDHVKGW WEMKDRHQIL FLFYEDIKRD PKHEIRKVMQ FMGKKVDETV LDKIVQETSF EKMKENPMTN RSTVSKSILD QSISSFMRKG TVGDWKNHFT VAQNERFDEI YRRKMEGTSI NFCMEL Tag: His-tag Predicted MW: 37 kDa >90% **Purity: Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycero, 0.1M NaCl, 1 mM DTT **Preparation:** Liquid purified protein **Protein Description:** Recombinant human SULT1C2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Storage: Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **RefSeq:** NP 001047 6819 Locus ID: **UniProt ID:** 000338 **Cytogenetics:** 2q12.3 Synonyms: humSULTC2; ST1C1; ST1C2; SULT1C1



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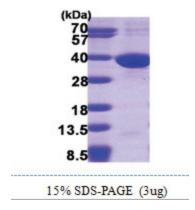
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Summary:Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,
neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different
in their tissue distributions and substrate specificities. The gene structure (number and
length of exons) is similar among family members. This gene encodes a protein that belongs
to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-
containing compounds. Two alternatively spliced transcript variants encoding different
isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Product images:



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