

## Product datasheet for **SC205199**

### **SULT1A4 (NM\_001017389) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SULT1A4 (NM_001017389) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SULT1A4
Synonyms:	aryl sulfotransferase; phenol sulfotransferase; sulfokinase; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4
ACCN:	NM_001017389
Insert Size:	416 bp
Insert Sequence:	>SC205199 3'UTR clone of NM_001017389 The sequence shown below is from the reference sequence of NM_001017389. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> TGCAGCCTCAGCTCCGCTCTGAGCTGT <b>G</b> AGAGGGGCTCCTGGAGTCACTGCAGAGGGAGTGTGCGAAT CTACCCTGACCAATGGGCTCAAGAATAAAGTATGATTTTTGAGTCAGGCACAGTGCTCATGTCTGCAA TCCCAGCGATTTGGGAGGTTGAGCTGGTAGGATCACAATAGGCCACGAATTTGAGACCAGCCTGGTAAA ATAGTGAGACCTCATCTCTACAAAGATGTAAAAAATTAGCCACATGTGCTGGCACTTACCTGTAGTCC CAGCTACTTGGGAAGCAGAGGCTGGAGGATCATTTCAGCCCAGGAGGTTGTGGATACAGTGAGTTATGA CATGCCCATTTACTACAGCCTGGATGACAAGCAAGACCCTCCCTCCAAAGAAAATAAAGCTCAAAATAA AA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_001017389.1</a></u>



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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 phenol sulfotransferase with thermolabile enzyme activity. Four sulfotransferase genes are located on the p arm of chromosome 16, this gene and SULT1A3 arose from a segmental duplication. Read-through transcription exists between this gene and the upstream SLX1B (SLX1 structure-specific endonuclease subunit homolog B) gene that encodes a protein containing GIY-YIG domains. [provided by RefSeq, Nov 2010]

**Locus ID:** 445329

**MW:** 15.5