

Product datasheet for **SC122230**

SULT1C2 (BC005353) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SULT1C2 (BC005353) Human Untagged Clone
Tag:	Tag Free
Symbol:	SULT1C2
Synonyms:	humSULTC2; ST1C1; ST1C2; sulfotransferase 1C1; sulfotransferase family, cytosolic, 1C, member 1; sulfotransferase family, cytosolic, 1C, member 2; SULT1C1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC005353 edited

```
GACCCCTTGAGTGGGCCTTTGAGCTGCTGACTTTTCAGCTGGAACCTGAAGGGACCCCAACC
CTGAGACACTATGGCCCTGACCTCAGACCTGGGGAAACAGATAAACTGAAAGAGGTGGA
GGGGACCCCTCCTGCAGCCTGCAACTGTGGACAACCTGGAGCCAGATCCAGAGCTTCGAGGC
CAAACCAGATGATCTCCTCATCTGCACCTACCCTAAAGCAGGGACAACGTGGATTTCAGGA
AATTGTGGATATGATTGAACAGAATGGGGACGTGGAGAAGTGCCAGCGAGCCATCATCCA
ACACCGCCATCCTTTTCATTGAGTGGGCTCGGCCACCCCAACCTTCTGGTGTGAAAAAAGC
CAAAGCAATGCCCTCTCCACGGATACTAAAGACTCACCTTCCACTCAGCTGCTGCCACC
GTCTTTCTGGGAAAAACAACCTGCAAGTTCCTTTATGTAGCTCGAAATGCCAAAGACTGTAT
GGTTTCTACTACCATTTCCAAAGGATGAACCACATGCTTCTGACCCTGGTACCTGGGA
AGAGTATTTTGAACCTTCATCAATGGAAAAGTGGTTTGGGGTTCCTGGTTTGACCACGT
GAAAGGATGGTGGGAGATGAAAGACAGACACCAGATTCTTCTCTTCTATGAGGACAT
AAAGAGGGACCCAAAGCATGAAATTCGGAAGGTGATGCAGTTCATGGGAAAGAAGGTGGA
TGAAACAGTGCTAGATAAAATTGTCCAGGAGACGTCATTTGAGAAAATGAAAGAAAATCC
CATGACAAATCGTTCTACAGTTTCCAAATCTATCTTGGACCAGTCAATTCCTCCTTCAT
GAGAAAAGGAACTGTGGGGGATTGGAAAAACCACTTCACTGTTGCCCAGAATGAGAGGTT
TGATGAAATCTATAGAAGAAAGATGGAAGGAACCTCCATAAACTTCTGCATGGAACCTCG
AGCAAGATGTAATAAAATTTAAAGGTGGATGGCAAGAGTGCAAACTACTATCTTCAATCC
TTCAGTCCCAGCCAGAAGAATCTCTGAAAGCATATTGTGAATGTATACAATGTAGTACAA
ACAATCTCTGTGATGATTAACAGTATGTCACCACCTTCATTTTTTAAAAAGGATCACGTC
AATGCCCATTTTCCCAACTATTCTTTCCAAAGTAAGATATAAGGTAGCTTAATAAACTAA
GTAAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for BC005353 unedited ACAGATTTGTATACGACTCATATAGGCGCCGCGNAATTCGCCATTACGGCCGGGGGACC CTTGAGTGGGCCTTTGAGCTGCTGACTTTCAGCTGGAACCTGAAGGGACCCCAACCTGA GACACTATGGCCCTGACCTCAGACCTGGGGAAACAGATAAAACTGAAAGAGGTGGAGGGG ACCCTCCTGCAGCCTGCAACTGTGGACAACCTGGAGCCAGATCCAGAGCTTCGAGGCCAAA CCAGATGATCTCCTCATCTGCACCTACCCTAAAGCAGGGACAACGTGGATTCAGGAAATT GTGGATATGATTGAACAGAATGGGGACGTGGAGAAGTCCAGCGAGCCATCATCCAACAC CGCCATCCTTTTCATTGAGTGGGCTCGGCCACCCCAACCTTCTGGTGTGGAAAAAGCCAAA GCAATGCCTCTCCACGGATACTAAAGACTCACCTTTCCTACTCAGCTGCTGCCACCGTCT TTCTGGGAAAACAACCTGCAAGTTCCTTTATGTAGCTCGAAATGCCAAAGACTGTATGGTT TCCTACTACCATTTCCAAAGGATGAACCACATGCTTCCTGACCCTGGTACCTGNGAAGAG TATTTTGAACCTTCATCAATGGAAAAGTGGTTTGGGGTTCCTGGTTTGACCACGTGAAA AGATGGTGGGGAGATGAAAGACAGACACCAGATTCTCCTCCTCTATGAAGACATAAA GAGGGACCAAAGCATGAAATTNCGAAGGTGATGCAGTTTCATGGGAAAAGAAGGTGGATGA AACGTGCTAGATAAAATGTTTCAGGAGACGTCATTTGAGAAAATGAAAGAAAATCCCTGAC CAATCGTTCTAAAGTTTCCAAATCTATCTTGAACCAAGTCAATTTCTCCTCATGAAAAA GGCAACGGGGGGGATTGTGAAAACCCCTTACTGTT
Restriction Sites:	Please inquire
ACCN:	BC005353
Insert Size:	1237 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC005353.1, AAH05353.1</u>
RefSeq Size:	1237 bp
Locus ID:	6819
Cytogenetics:	2q12.3

Gene 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]