

Product datasheet for SC205590

CSPS (SULT1A3) (NM_003166) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CSPS (SULT1A3) (NM_003166) Human 3' UTR Clone
Symbol:	CSPS
Synonyms:	HAST; HAST3; M-PST; MGC117469; ST1A5; STM; SULT1A4; TL-PST
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003166
Insert Size:	446 bp
Insert Sequence:	>SC205590 3'UTR clone of NM_003166 The sequence shown below is from the reference sequence of NM_003166. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCAGCCTCAGCTTCCGCTCTGAGCTGTGAGAGGGGCTCCTGGAGTCACTGCAGAGGGAGTGTGCGAAT
CTACCCTGACCAATGGGCTCAAGAATAAAGTATGATTTTTGAGTCAGGCACAGTGGCTCATGTCTGCAA
TCCCAGCGATTTGGGAGTTGAGCTGGTAGGATCACAAATAGGCCACGAATTTGAGACCAGCCTGGTAAA
ATAGTGAGACCTCATCTCTACAAAGATGTAAAAAATTAGCCACATGTGCTGGCACTTACCTGTAGTCC
CAGCTACTTGGGAAGCAGAGGCTGGAGGATCATTTCAGCCAGGAGGTTGTGGATACAGTGAGTTATGA
CATGCCCATCTACTACAGCCTGGATGACAAGCAAGACCCTCCCTCCAAAGAAAATAAAGTCAATTTAAA
ATAAAATATGATTTGTGTTTCATGTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



[View online »](#)

RefSeq: [NM_003166.3](#)

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 SULT1A4 arose from a segmental duplication. This gene is the most centromeric of the four sulfotransferase genes. Read-through transcription exists between this gene and the upstream SLX1A (SLX1 structure-specific endonuclease subunit homolog A) gene that encodes a protein containing GIY-YIG domains. [provided by RefSeq, Nov 2010]

Locus ID: 6818

MW: 16.8