

## Product datasheet for **SC210053**

### Estrogen Sulfotransferase (SULT1E1) (NM\_005420) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Estrogen Sulfotransferase (SULT1E1) (NM\_005420) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SULT1E1  
**Synonyms:** EST; EST-1; ST1E1; STE  
**ACCN:** NM\_005420  
**Insert Size:** 812 bp  
**Insert Sequence:** >SC210053 3'UTR clone of NM\_005420  
 The sequence shown below is from the reference sequence of NM\_005420. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTACACTGAAGTTTCGAACTGAGATCTAAGAAGTCTTTCTTTACTTAAACATATCTGATATTAAGAT
TTCTTTTCATTATTCTCCACTTTTCTTATTTTAGATTGCTAGAAAAGACATAATCATGGATTATGTTG
ACATTTTCTTTTTAAATTTTTGTTAACTTTTTTTTTTTTTTTTTTTGAGACAGAGTCTCACTCTGTTGCC
TAGGCTGGAGGACAGTGGCACAATCATGGCTGATTGCAGCCTTGACCTCCTTGACTCAATTGATCTCC
CATCTCAGCCTCCAAGTAGCTAGGACTACAGACATGTGCAACCATGTTGGCTAATTTTTTAAATGTT
TTTTTGTAGAGATGAGGTCTTATTATATTGTCCAGGCTGGTCTTGAATTCCTGGGCTCAAGCTTCCCAA
GTAGCTGCAACAACAGGCACACACCACCATGCTCAACTAATTTTATTTCTATTTTTGTATAGACAGGG
GCTTGCTATAGTGTCCAGGCTGGTCTGAAACCCTTGAGCTCAAGTGATCTTCCACACCAGCCTCCCAA
AATACTGGGATTACAGGCTTGAGCCTCCATGCCTGGCCCAGGTAACATGTTTATTGAGCTGTACATGCA
TATGAGAAATAAGAACTTTTTTCTACTATCATCTCTTAAATTTTGTCTTTTCTTTTCTTTGCTTC
CTTTCTTTCTTTCTATTTTTTATAAATATCATGCACAACCTATAACCTATGGGAATGATGTAGTAACAC
AGATTATTCATCTTGTTAGAGTTGTATTAATAAACAAGCATTTCAAATTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_005420.3</a>
<b>Summary:</b>	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 transfers a sulfo moiety to and from estrone, which may control levels of estrogen receptors. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	6783
<b>MW:</b>	31.2