

## Product datasheet for RN211799

### Sult1e1 (NM\_012883) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sult1e1 (NM\_012883) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sult1e1  
**Synonyms:** ESTSUL; rEST-6; ST1E1; Ste; Ste1; ste2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211799 representing NM\_012883  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGACTTCTATGCCTGAATACTATGACGTTTTTGGTGATTCCATGGATTTTAATGGATAACGGT  
 TCACCAAATATTGGGAAGACGTTGAAACATTCTGGCAAGCCAGATGACCTTCTCATTGTTACTTATCC  
 TAAATCTGGCAGCACATGGATTAGTAAATTGTGGATATGATCTATAAAGAAGGTGATGTGGAAAAATGC  
 AAGGAGGATGCACTTTTAACAGAATACCTGACCTGGAGTGCAGAAATGAAGATCTAATAACGGAATAA  
 AACAACTAAAAGAAAAGGAATCGCCTAGAATAGTAAAACTCACCTGCCAGCTAAGCTCCTTCCAGCATC  
 ATTTTGGGAAAAGAATTGCAAGATAATCTATCTTTGCCGAAATGCCAAAGATGTCGTCGTTTCTTATTAC  
 TACTTTTTCTGATCATGAAAAGTTATCCAAATCCTAAATCTTTTTCTGAATTTGTGGAGAAATTTATGG  
 AAGGGCAAGTTCCGTATGGTTCCTGGTATGATCATGTAATAATCTGGTGGGAGAAGAGTAAGAATTCACG  
 TGTTTTGTTTATGTTCTATGAGGACATGAAAGAGGATATCCGAAGAGAAGTTGTGAAGCTGATAGAGTTC  
 CTGGAGAGAGACCCATCAGCAGAGCTAGTAGACAGAATCATTCAACATACATCATTCCAGGAGATGAAGA  
 ACAATCCATGCACCAATTATTCAATGCTGCCAGAGACCATGATAGATCTAAAAGTATCGCCTTTTCATGAG  
 AAAGGGAATTTAGGAGACTGGAAGAACCACTTCCCTGAAGCCCTGAGGGAGAGATTTGAGGAGCACTAC  
 CAGCAGCAAATGAAGACTGCCCTGTGAAATTTAGAGCAGAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_012883  
**Insert Size:** 888 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_012883.1</a></u> , <u><a href="#">NP_037015.1</a></u>
<b>RefSeq Size:</b>	1309 bp
<b>RefSeq ORF:</b>	888 bp
<b>Locus ID:</b>	360268
<b>UniProt ID:</b>	<u><a href="#">P49889</a></u>
<b>Cytogenetics:</b>	14p21
<b>Gene Summary:</b>	isozyme that catalyzes the sulfation of estrogens, including beta-estradiol and estrone, but not of dehydroepiandrosterone, pregnenolone, cortisol or testosterone; plays a role in estrogen metabolism [RGD, Feb 2006]