

## Product datasheet for MC211446

### Sult6b1 (NM\_001163625) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sult6b1 (NM\_001163625) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sult6b1  
**Synonyms:** 2410078J06Rik; AV101767; ST6B1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211446 representing NM\_001163625  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGATAAGTCCAAGTTTATCGACTACATCGATGATGCTTTAGAAAAATCAAAGAGACAACACTTT  
 CCCAGTTATTTCTCACCTACCAGGGGATTCCTTACCCAGTCACCATGTGCACTCAGGAACTTTCCGAGC  
 TTTGGATGCCTTTGAAGCCAGAAGTGATGACGTCCTGCTAGCATCCTACCCGAAGTGTGGTTCAAACCTGG  
 ATTCTCCATATTGTCAGTGAATTAATATTTGCCGTTTCTAAAAAGAAATACGCATGTCCAGAATTTCCAG  
 TTCTTGAATGTGGTGACGCCGAGAAATATCAGAGAATGAAACTCTTCCCATCACCAAGGATCCTGACAAC  
 CCACCTCCACTATGACAAGCTACCTCAGTCCATCTTCAAGAACAAGCCAAGATATTGGTGATATTTGCA  
 AACCTAAGGATACAGCGGTGTCCTTTTTTCATTTTCATAATGATGTCCCGATATTTCCAGCTATGCCT  
 CATGGGATGAATCTTCAGGCAATTCATAAAGGGACAAGTTTCTTGGGGAAGTTACTTTGATTTTGCAAT  
 TAATTGGAACAAACATATTGATGATGAAAATGTTAAGTTCATATTATGAAGACCTGAAAGAGAATTTG  
 GTTGTGGAATAAAACAGATCTCTGAATTCCTTGGTTTCTTTAACTGACGAACAAATAGAAACCATCT  
 CCACTCAGAGCACCTTCTGGCCATGAGAGCAAATCTCAAGAGACACATGGTGCCATTGGGCCCTTCCT  
 CTTCCGCAAAGGTGAGGTTGGTATTGGAAACGTTTGTTCACGAAACCCAGAACCAGGAAATGGATGAG  
 AGATTCAAAGAGTGTGGCAGGCACGTCCTCGGAGACAAGCTGAAGTATGAAGCATATTGCCTGGCTT  
 AA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001163625  
**Insert Size:** 912 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_001163625.1</a></u> , <u><a href="#">NP_001157097.1</a></u>
<b>RefSeq Size:</b>	2060 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	73671
<b>UniProt ID:</b>	<u><a href="#">P0CC03</a></u>
<b>Cytogenetics:</b>	17 E3
<b>Gene Summary:</b>	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of thyroxine. Involved in the metabolism of thyroxine. [UniProtKB/Swiss-Prot Function]