

## Product datasheet for **MC205706**

### Stc2 (NM\_011491) Mouse Untagged Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	Stc2 (NM_011491) Mouse Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	Stc2
<b>Synonyms:</b>	AW125853; mustc2; Stc-2; Stc2l
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	PCMV6-Kan/Neo (PCMV6KN)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC012206  
 GTCTCCAGGCGGGAGGGTGATACCCAGAACCATGTGTGCGGAGCGGCTGGGCCAGTTTGTACCCTGGCT  
 TTGGTGTTTGCCACCTTGGACCCGGCGCAGGGGACGGACTCCACGAACCTCCGGAAGTCCCAAGACA  
 GGAGCTCGCAGCAGAAAGGCCGTCTGTCCCTGCAGAACAAGCGGAGATCCAGCACTGTTTGGTCAATGC  
 CGGGGACGTGGGTGTGGTGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGT  
 ATTTGCATGACGTTTCTGCACAACGCTGGAAAATTCGATGCCAGGGAAAGTCATTTCATCAAGGATGCC  
 TGAGGTGCAAGGCCATGCCCTGCGGCATAAAATTTGGTGCATCAGCAGGAAGTGTCCAGCAATTAGGGA  
 AATGGTTTTCCAGTTGCAGAGGGAATGCTATCTGAAGCATGACCTGTGCTCCGACGCCAGGAGAAGCTC  
 GGTGTGATTGTGGAGATGATTCATTTCAAGGATCTCTGTGCATGAGCCCTATGTGGACCTTGTGAACC  
 TGCTGTGACCTGCGGGAAAGATGTGAAGGAGGAGTCACCCGACGCTCCAGGCTCAGTGTGAACAGAG  
 CTGGGGAGGCCTGTCTCCATCCTGAGTTTCTGCACCTCCAACATACAGAGACCTCCACGGCAGCCCCA  
 GAGCATACGCCCCCGCAGACAGGGCTCAGCTCTCCAGGCTCACACCGGGACACAGACCATCACCTAA  
 CAGCCAACAGAGGTGCCAAGGGTGAGCGAGGGAGCAAAAGCCACCCGAATGCCATGCTCGAGGCAGAAC  
 CGGTGGCCAGAGCGCTCAGGGACCTCTGGAAGCAGTGTGGGAAGATGAACAGTCTGAGTATTCGGAC  
 ATCCGGAGGTGAAATGAAAACCGGGCCATGAAAGCTTTCTCCAGGCTGTCCATTTTCTTATCTATGGAC  
 ATTTCAAAAACATTTACATTAAAGAGGGGGATGTACACGCTGGATGTGTGCAAATGTGGACTTCGTGC  
 AGTTGTGTGAACAGGTGAGATGAAGATTCGCGGACAGGAGTCTCGAGTGCCTGGTGGGTTGGCACCTG  
 TGTAAAGCTTATTGGCGGAGTGTGTATTGAATCGGCCGTGTAAGTGTCTCTTCCGCTGTGGAGCTAGT  
 TGGTGGCTTAAAGTATGGTCTGTTGGGGGAGGTCAGCCGGGAGGGAAGGGCCACAGGTGGTGGTAA  
 CCTCCCCACAGTTCCAGTACTGTCTGCACAGAGCAGGGGCTGGGTTCTGGGGTAGGGCTGAGTGGAG  
 ATACAGCTGACAAGGCAGAGAGAGCAGAGAGGAGGAAAGGGCTTAGCCCCACTCAGTCCAAACCGGAAGT  
 TTAGTGTGCTGATGGATCTAGTGTTCAGAGCTGCTGGAGGGGACATGGATGGTACATTTTCTGTGTG  
 TCATTTCTGAGCCATTGTCTGTCTGGGGGACACTGAAGGAGTGGCCCTGTTTGTATTTTTGACCACT  
 GTTTCAAGTCTCCATTTACTTTTTTTTTTTTTTAATCAACTGACATCTATGTGCTGTGCATCTAAATAAA  
 TGGCTTCAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



[View online »](#)

<b>ACCN:</b>	NM_011491
<b>Insert Size:</b>	891 bp
<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>	<a href="#">BC012206</a> , <a href="#">AAH12206</a>
<b>RefSeq Size:</b>	1649 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	20856
<b>UniProt ID:</b>	<a href="#">O88452</a>
<b>Cytogenetics:</b>	11 A4
<b>Gene Summary:</b>	Has an anti-hypocalcemic action on calcium and phosphate homeostasis.[UniProtKB/Swiss-Prot Function]