

## Product datasheet for RN203796

### Tekt1 (NM\_053508) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tekt1 (NM\_053508) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tekt1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN203796 representing NM\_053508  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCAAGCTACTGCAATCTCCACCCAAGTTCCTTCCC GCCGAGTGGTATATTGCTAACAAAAGCCAGT  
 ACCACAGGGCAGAGGCCCAAAGTCCC GATCTGAACGCCCTGGTGGCAGAGAGCCAGAGGCTTGTGGAAGA  
 AATTGAGAAGACCACCAGGAAGTCTCAGAGCGATGTGAACAAGAACTTGAGCAGAGACTGAAGAGGTC  
 AAGTTCGGAAGAAGGAGTTGGATGACAACTCGAACATCTTGTGAACGAGACAGAAGATCTGCTCACAT  
 ACAAGATTCGCCCTGGAGAGATCCCTGGAGAGCTACAAGGAGCCCTGCATATCACGGAGAAGTGCCTGGC  
 CTACAGGGAGAAGCGCGTGGGCATAGATCTGGTGCACGAGTGGTGGATCAGGAAGTGCAGAAAGGAGGCT  
 GATATCATCCACGGAGTCATGAACCTGCTTACCCGCACGGTGGAAAGAAGCAACAGAGCAGATCAGGCTGA  
 ACCGCTCTGCCAAGTACAATTTGGAAAAGGATTTGAAGGATAAGTTCACGGCCATAACTATTGACGACAT  
 CTGCTTCTCGCTCAACAATAACTCACCAGATATCAAATATTCTGAGAATGTTGTGAGAATTGAGCCCAAC  
 TCAGTGAGTCTGGAGGACTGGCTGGACTTCTCCAATACCAATATGCAGAAGGCAGACAAACAGCTGAACA  
 ACTCGATGGCGCTGAAGACCCTGGTGGACCAGATCCTGTCCCAGACAGCTAATGACCTGCGCAGACAGTG  
 CGAAGTGGTAGACACGGCATTGCTCAATGGGCTGAAGGAGACCAAGGACGCCAGGAACAAGCTGGCTGAT  
 CATCTGGCCAAGTTATGGACGAAATGCTTCCCAGGAAAAAACATCGAGGTCCTTGAAAATGCCATCA  
 CTAGCAAGAAGGACCGCTAAGGTAGCACACACGCCTGGAGAACAGGACCTACCGGCCCTAACGTGGA  
 GCTGTGTCGAGATGTCGCTCAGTATCGGCTGATCAGGGAGGTTTCAGGAGATCAAGCATAATGTTGCCAGG  
 TTAGAGGAGACCTTGGCCAGGCTCAGATACAGTTGAAGGCTCTGTTCCGCAGGCAGCTGGCCCTGCAGG  
 AGGAGATCCAGGTTAAGGAGAACACCATCTATATCGACCAGGTGCTGTGTATGGAGATGAGGAAGTCCAT  
 CCCACCTCGAGACGGCGACGACCATGGGCGCTGGGAGGGGGGCATCCGCGCAGAGGCCATCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



<b>ACCN:</b>	NM_053508
<b>Insert Size:</b>	1257 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>	<u><a href="#">NM_053508.2</a></u> , <u><a href="#">NP_445960.1</a></u>
<b>RefSeq Size:</b>	1408 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	85270
<b>UniProt ID:</b>	<u><a href="#">Q99JD2</a></u>
<b>Cytogenetics:</b>	10q24
<b>Gene Summary:</b>	human homolog is a filamentous protein that forms fibers in the walls of ciliary and flagellar microtubules [RGD, Feb 2006]