

## Product datasheet for **MC207419**

### Tekt1 (NM\_011569) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tekt1 (NM\_011569) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tekt1  
**Synonyms:** MT14  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207419 representing NM\_011569  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAAGCTACTGCAATCTCCACCCAGGTTCTTCTGAGGAGTGGTATATTGCTAACAAAAGCCAGT  
ACCACAGAGCAGAGGCCAAAGTCCCAATCTGAACGCTTGGTGGCAGAGAGCCAGAGGCTTGTGGAAGA  
AATTGAGAAGACCACCAGGAAGTCTCAGAGCGATGTGAACAAGAACTTGAGCAGAGACTTGAGGAGGTC  
AGGTTCTGGAAGAAGGAGTTAGATGACAACTTGAACAGCTCGTGAACCAGACGGATGACCTGCTTACGT  
ACAAGACCCGCCTGGAGAGATCCTTGGAGAGCTACAAGGAGCCCTGCACATCACGGAGAAGTGCTTGG  
ATACAGGGAGAAGCGTGTGGCATCGATTTGGTACACGATGTGGTGGAGCAGGAGCTGCAGAAGGAGGCT  
GATATCATCCACGGAGTCATGAACCTGCTTATCCGCACGCTGGAAGAGTCAACAGAACAGATCAGGCTGA  
ACCGCTCTGCCAAGTACAATCTGGAAAAGGATTTGAGGGATAAGTTCACGGCCATAACTATCGATGACGT  
CTGCTTCTCACTCAACAATAACTCACCAATATCAATTTTCTGAGAAGGTTGTGAGAATCGAGCCCAAC  
TCAGTGAGTCTGGAGGACTGGCTGGACTTCTCCAATGCCAATGTGGAGAAGGCAGACAAAACAGCTGAACA  
ATTCAACGGCGCTGAAGACCCTGGTGGACCAATCCTGTCCAGACAGCCAATGACCTGCCAGACAGTGA  
CGAAGTGGTAGACGAGGCAATCATAAATGGGCTGAAGGAGACCAAGGATGCCAGGAACAAGCTGGCTGAT  
CATCTGGCCAAGTTATGGAAGAAATTGCTTCCAGGAAAAAACATCATGGCTCTTGAAAAATGCCATCA  
CGCAGCAAGAAGGGCCAGCCAAGGTAGCACACACACGCTGGAGACCAGGACGCACCGGCCGAACGTGGA  
GCTGTGTCGAGATATTGCCAGTATCGGCTGATCAAGGAGATTCAGGAGATCAACCACAATGTTGCCAGG  
TTAAAGGAAAACCTGGCCAGGCTCAGACGCAGCTGAAGGCCCTGTACCGCAGGCAGCTGGCCCTGCAGG  
AGGAAATCCAGGTGAAGGAGAACACCATCTATATCGACCAGGTGCTGTGTATGGAGATGAGGAAGTCCAT  
CCCACCTCGAGACGGCGACGACCATGGGCCTGGGAGGGGGCATCCGCGCAGAGGCCATCTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_011569
<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>	<a href="#">NM_011569.3</a> , <a href="#">NP_035699.2</a>
<b>RefSeq Size:</b>	1411 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	21689
<b>UniProt ID:</b>	<a href="#">Q9DAJ2</a>
<b>Cytogenetics:</b>	11 B4
<b>Gene Summary:</b>	Structural component of ciliary and flagellar microtubules. Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.