

Product datasheet for **MC227589**

Tekt1 (NM_001282007) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tekt1 (NM_001282007) 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: >MC227589 representing NM_001282007
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAAGCTACTGCAATCTCCACCCAGGTTCTTCTGAGGAGTGGTATATTGCTAACAAAAGCCAGT
ACCACAGAGCAGAGGCCAAAGTCCCAATCTGAACGCTTGGTGGCAGAGAGCCAGAGGCTTGTGGAAGA
AATTGAGAAGACCACCAGGAAGTCTCAGAGCGATGTGAACAAGAACTTGAGCAGAGACTTGAGGAGGTC
AGGTTCTGGAAGAAGGAGTTAGATGACAACTTGAACAGCTCGTGAACCAGACGGATGACCTGCTTACGT
ACAAGACCCGCCTGGAGAGATCCTTGGAGAGCTACAAGGAGCCCTGCACATCACGGAGAAGTGCTTGGGA
ATACAGGGAGAAGCGTGTGGCATCGATTTGGTACACGATGTGGTGGAGCAGGAGCTGCAGAAGGAGGCT
GATATCATCCACGGAGTCATGAACCTGCTTATCCGCACGCTGGAAGAGTCAACAGAACAGATCAGGCTGA
ACCGCTCTGCCAAGTACAATCTGGAAAAGGATTTGAGGGATAAGTTCACGGCCATAACTATCGATGACGT
CTGCTTCTCACTCAACAATAACTCACCAATATCAATTTTTCTGAGAAGGTTGTGAGAATCGAGCCCAAC
TCAGTGAGTCTGGAGGACTGGCTGGACTTCTCCAATGCCAATGTGGAGAAGGCAGACAAAACAGCTGAACA
ATTC AACGGCGCTGAAGACCCTGGTGGACCAATCCTGTCCAGACAGCCAATGACCTGCCAGACAGTG
CGAAGTGGTAGACGAGGCATTATAAATGGGCTGAAGGAGACCAAGGATGCCAGGAACAAGCTGGCTGAT
CATCTGGCCAAGTTATGGAAGAAATTGCTTCCAGGAAAAAACATCATGGCTCTTGAAAAATGCCATCA
CGCAGCAAGAAGGGCCAGCCAAGGTAGCACACACACGCCTGGAGACCAGGACGCACCGGCCGAACGTGGA
GCTGTGTCGAGATATTGCCAGTATCGGCTGATCAAGGAGATTCAGGAGATCAACCACAATGTTGCCAGG
TTAAAGGAAAACCTGGCCAGGCTCAGACGCAGCTGAAGGCCCTGTACCGCAGGCAGCTGGCCCTGCAGG
AGGAAATCCAGGTGAAGGAGAACACCATCTATATCGACCAGGTGCTGTGTATGGAGATGAGGAAGTCCAT
CCCACCTCGAGACGGCGACGACCATGGGCCTGGGAGGGGGCATCCGCGCAGAGGCCATCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001282007
Insert Size:	1257 bp
OTI Disclaimer:	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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001282007.1</u> , <u>NP_001268936.1</u>
RefSeq Size:	1408 bp
RefSeq ORF:	1257 bp
Locus ID:	21689
UniProt ID:	<u>Q9DAJ2</u>
Cytogenetics:	11 B4
Gene Summary:	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 (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.