

Product datasheet for **MC216008**

Tekt4 (NM_027951) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tekt4 (NM_027951) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tekt4
Synonyms:	1700010L19Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216008 representing NM_027951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAACGGCGTGTCTCTGACCAAGGAGCCGGCCACAGTCAATAGATGTCTGTGAGCTTCCGC
 GCAAAGAATATGAAGTGGCCTGCAATACTGGCGCTACACGTCTCGGGTCTGGCCACCGCTGGCTTCCG
 CACAGCCAAATACCTGAGGGACGAGTGGTTTCAGAACTCTTATGCCCGCTACCACCAGGCCCTTCGCAGAC
 CGGGACTACTCTGAGCGGCAGCGCATGAGAGCGGGCAGCTGGTAGCCGAGACTGGGGCACTGGCCACGC
 GCACACAACCTTGACTCCACAAGAAAGTGGGAGAGCGCCTGGAGGACATGCATTGCTGGAAGTCAGAGCT
 GCAGCGAGAGATAGACGAGCTGTCTCCGAGACGGACCTGATGATGGCCAGAAGCTGCGGCTACAGCGC
 GCCTTGGATGCCACCTCCGTGCCTTACTCCATTGCTACTGACAACCTGCAGTGCAGAGAACGCCGCCAGC
 ACCCAGACCTTGTCCGGACTATGTGGAGGTGGAGCTACTGAAGGAAACCGAGCTGATCAGGAACATCCA
 GGAACCTCTGAAGAGGACGATAGGACAAGCCGTGGACCAGATACGGCTGAACAGGGAGCATAAGGAGTCG
 TGTGAGATGAACTGGTCGGACAAAGTGAAGTCTACAACATTGACGATACCTGCTCCCGCTACACCAATG
 AGAGCACCCAGGTGCAGTTCTATCCGCATTCCAGCAAGTTCGAGGAGAGTGTCCACGCCCGAGACGTG
 GGCAAGTTCAATCACGACAACCTGCTTCGAGCCGAGCGCGAGCGGCTAGCCTCGGTTAACTGCGGAAG
 TTAATTGACTGCATCTTGCGGGATACGGCCGAGGACCTGCGGCTACAGTGCAGTGCAGTGAACCTCGGCTT
 TCTCAAGCCGCTGCCAAGAGCTGGACGACTCACTCCAGAAGCTGCAGTACCACCTTCGAAAGACCCTGAC
 GGAGATCACAGACCAGGAACACCAGATTGCAGCCTTGAAGCAGGCCATCAAGGACAAGGAGGCCCTCTG
 CGTGTGGCCAGACTCGCCTTACCAGCGGTACACCCGGCCCAATGTGGAGTTGTCCCGGACAATGCC
 AGTTCCAGTTGCTGAGCGAGGTGGAGGAGTTGAACATGTCCCTCAGAGCGTTAAAGGAGAAGCTTCAGGA
 TCGCGAGCAGGCACTGCGGAACCTGGAGGATTCACGCATGAGTCTGGAGAAGGACATCGCAGTCAAGACC
 AACAGCCTCTTTATCGACCGCCAGAAGTGTATGACCCACCGCAACCGCTACCCAGTGTCTCCAGCTGG
 CTGGCTACCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027951

Insert Size: 1344 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).

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:

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: [NM_027951.1](#), [NP_082227.1](#)
RefSeq Size: 1532 bp
RefSeq ORF: 1344 bp
Locus ID: 71840
UniProt ID: [Q149S1](#)
Cytogenetics: 17 A3.3
Gene Summary: May be a structural component of the sperm flagellum. Contributes to normal sperm motility.
[UniProtKB/Swiss-Prot Function]