

Product datasheet for **MC216844**

Tekt3 (NM_027660) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tekt3 (NM_027660) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tekt3
Synonyms:	4933407G07Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216844 representing NM_027660
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAACCTTTAGGTTCTACTTTGACGGCTACATATGCCACCCTCCACCTGCATCGGCCAGCTTTCTAC
CAGCCATTGGTACCATAACATCGAGCTATAAGGACCGCTTTCCCATCGCAATCTGACACATAGCTTGAG
CCTTCCATGGAGACCGAACACCTACTACAAAACGGCCTACAACCTACCAACCTTGCCCGCTACTCCTCG
AGGTCCCAGAGAGTGTGTGAGAGCACCATGCTCCCTTTGCGTCCAATAGGACCACCTTCTTACAGAGGT
ACACCCCTGACGACTGGTACCGTCCAATCTAGTCAGCTTCCAGGAGTCCAATTCCTCACGGCACAACCTC
AGAGCGACTCAGAGTGGATACATCTCGGCTCATCAAGACAAATACCAGCAGATCCGGAAGACCCAGGCT
CACTCTACCCAAAACCTGGGAGAACGAGTCAATGACTTAGCGTTTGGAAATCTGAAATCACACATGAGT
TGGATGAAATGATTGGAGAGACAAATGCACTGACTGATTAAGAGAAGGCTGGAGAGGGTTTGTAGAG
GACTGAAGGCCCTCTGCAGGTTTCCCGAGAGTGTCTTTCCACCGGAGAAGAGAATGGGAATCGATCTT
GTTTCATGATGAAGCCGAGAAAGAACTACTGGCGGAAGTTGATACCAATTCGTGTTGTCAAGAAAGAAATGA
GGCAACATCTGGATAAGGCGAATGCCAACTCGCCTCAGACAGATCTGCACAGCATGAGCTGGAGAAGGA
TCTGAGTGACAAGCAGGCCGCCCTCCGGATTGATGATAAATGCCAGCACCTGCGCAACACTTCCGAGGGC
GTCAGCTACTTCCGGGGCGTGGAGAGAGTCGATGCAACGGTATCAGTGCCCGAGACATGGGCCAAGTTTA
CGGATGACAATGTTCTCCGCTCCAGAGTGAGAGGGCAGCTTCTGCTAAGCTCAGAGAGGAAACTGAGAA
CCTCCTGATTGTGACAGCCAATGAGATGTGGAATCAGTTCAACAAAGTGAACCTGGCTTTACCAATCGC
ATTGCCGAGACTGTCGATGCTAAGAATAAGATTACACTCACTTAACGAAGACCTGCAGGAGATCTTCC
AGATTGAAATGACCATAGAATCCATCAAAAAGCCATCAAGGAAAAGTGCCTTCTGAAAGGTGGCCGA
GACCCGGCTGGATGAGAGAACGAGGAGGCCAAACGTAGAGCTGTGCAGGGATATGGCTCAGTTACGCCTT
GTTAACGAGGTCTATGAGGTAGACGAGACCATCCAGACTCTGCAGCAGCGCCTGAGGGATTTCGGAGGACA
CCTTGCAGTCTTGGCCATACCAAAGCCACCCTGGAGCATGACTTGGCTGTGAAAGCCAACACTCTGTA
CATCGACCAGGAAAAATGCATGAGCATGCGCAATAGCTACCCAGCACCTCCGGCTGGTGGGCTACTGC
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_027660

Insert Size: 1473 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_027660.1](#), [NP_081936.1](#)

RefSeq Size: 1739 bp

RefSeq ORF: 1473 bp

Locus ID: 71062

UniProt ID: [Q6X6Z7](#)

Cytogenetics: 11 B3

Gene Summary: May be a structural component of the sperm flagellum. Required for normal sperm mobility. [UniProtKB/Swiss-Prot Function]