

Product datasheet for **RN202369**

Tekt3 (NM_001024739) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tekt3 (NM_001024739) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tekt3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202369 representing NM_001024739
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAACCTCTAGGTTCTACTTTAACAGCTACTTATGCCACCCTCAACCTGCAGCAACCAACTTTCTAC
CAGCCATTGGTACCTAACATCGAGCTATCGGAACCGTTTTCCCATCGTAATCTAACACACAGCTTGAG
CCTTCCATGGAGACCAAGCACATACTACAAAACGGCCTACAACCTACCCAACCTTGGCCCCATTGTCTCG
ACATCTCAGAGTGTGTGAGAGCACTATGCTCCCTTCGTGTCCAACAGAACACGCTCTTACAAAGGT
ACACCCCTGATGACTGGTACCGTCCACTCTAGTCGGCTTCCAGGAGTCCAATTGCTCACGCCATAATTC
AGAGAGACTCAGAGTGGATACATCTCGGCTCATCAAGACAAATACCAGCAGATCCGGAAGACCCAGGCT
GACTCTACCCAAAACCTGGGAGAACGAGTCAATGACATAGCATTGGAAATCGGAAATCATACATGAGT
TGGATGAAATGATTGGGGAGACAAATGCACTGACCGATTAAGAGAAGGCTGGAGAGGGGTTGATAGA
GACTGATGCCCTCTGCAGGTTGCCGAGAGTGTCTTTCCAGGAGAGAAGAGAATGGGGATCGATCTC
GTGCATGACGAAGCCGAGAAAGAACTACTGACGGAAGTTGAAACCGTTCTGTGTTGCCAAGAAAGATGA
GGCGACATCTGGATAAGGCGATAGCCAACTGGCCTCAGACAGATCTGCGCAGCAGGCTTGAGAAGGA
TCTGAGTGACAAACAGGCTGCCCTCCGATTGACGATAAATGCAAGCACCTGCGGAACACTTCTCAGGGC
GTCAGCTACTTCCGCGGGGTGGAGAATGTCGATGCAACGGTATCGGTGCCCGAGTCATGGGCCAAGTTTA
CGGATGACAAATGTTCTCCGCTCGCAGAGTGAAAGGGCAGCTTCTGCTAAGCTAAGAGAGGACACCGAGAA
CCTTCTGATTGTGATAGCCAATGAGATGTGGAATCAGTTCAACAAAGTGAACGTGGCTTTACCAATCGC
ATTGCCGAGACTGTTGATGCCAAGAACAAGATCCACATCACTTATCGAAGACCTGCAGGAGATCTTCC
AGACTGAAATGGCCATAGAATCCATCAGAAAGGCCATCAAGGAGAAGTGCCTTCTGAAGGTGGCCGA
GACCCGGCTGGATGAGAGAACGAGGAGGCCGAACATAGAGCTGTGCAGAGATATAGCTCAGCTACGCCTT
GTTAACGAGGTCTACGAGGTGGACGAAACCATCCAGACTCTGCAGCAGCGCTGAGGGATTTCGGAGGACA
CCCTGCAGTCTTGGCCATACCAAAGCCACCCTGGAGCAGCACTTGGCTGTGAAAGCCAACTCTGTA
CATCGACCAGGAAAAATGCATGAGCATGCGCAATAGCTACCCAGTACCCTCCGGCTGGTTCGGCTTCTGT
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024739

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_001024739.1](#), [NP_001019910.1](#)

RefSeq Size: 1761 bp

RefSeq ORF: 1473 bp

Locus ID: 287392

UniProt ID: [Q4V8G8](#)

Cytogenetics: 10q23

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