

Product datasheet for **SC306179**

TEKT5 (NM_144674) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEKT5 (NM_144674) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEKT5
Synonyms:	CT149
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144674 edited

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ATGGAGTTTCTTGGGACTACTCAGACCGCCAGTTACTGTGGTCCCAAGAAATGCTGTGGC
TTGACCTCACTGCCAGCTGTACAGGCGCCAGTGATCCAGGAATGCTATCAGCCCTACTAC
CTGCCCGGGTACCGCTACCTCAATTCATGGAGGCCTAGCCTCTTCTACAAGATAGCCAAC
GTCCAGACCTGCCCGGACGAGAGCACCAGTACCCTGCGGCCGCCACCATCCTGCCACACA
CTGCGCTCCGCACTCTTCTCTCGCTATAGCCCCACGACTGGGACCAGTCCAACCAGCTG
CAGGTGCGTGGGGCCGAGGCCTCCCGGCTGTGGGCCAGCCGGCTGACGGATGACTCCATG
AGGCTCTTGCAGGACAAGGACCAGCTGACGCACCAGATGCAGGAGGGCACCTGCCGGAAC
CTGGGCCAGAGGCTGTCCGACATTGGCTTCTGGAAGTCAGAGCTGAGCTATGAGCTGGAC
AGGCTTCTGACTGAGAACCAGAACTTGGAGACGGTCAAGAGGCGGCTGGAGTGCGCGGCC
AATGAGGTGAAGTGGCCATTGACAGTGGCCTTGGAGTGTCTGTACCATCGAGAGAAGAGG
ATTGGGATTGATTGGTCCATGACAACGTGGAGAAAAACCTTATCCGGGAAGTGGATTTG
CTAAAAATGTTGCCAAGAACAGATGAGAAAAATTAGCTCAAAGAATTGATATCCAGATGCGG
GATAACCGGGATGCTCAGCACGTGCTGGAGAGGGACCTCGAAGACAAAAGCTCGGCCAG
TGATCGATGAGAAGTGCTTTAACCTGAGAAAATACGTCAGACTGCATCAGCTTCTTCCAC
GGCATGGAGAAAATTGACGGCACGATCTCCGTACCTGAGACCTGGGCCAAGTTAGTAAC
GACAACATCAAACTCTCAGAACATGCGGGCCAACTCCATCCAGCTGCGGGAGGAGGCG
GAGCACCTCTTTGAGACCTTGTCCGATCAGATGTGGAGGCAAGTTCACAGACACCAACCTG
GCCTTCAACGCCCGCATCTCTGAGGTGACGGATGTGAAGAATAAGCTGCAGACGCAGCTG
GCGAAGACGCTGCAGGAGATCTTCCAGGCCGAGAACCACCATCATGCTGCTGGAAAGGTCC
ATCATGGCCAAGGAGGGCCCGCTGAAGGTGGCCAGACAAGGCTGGAGTGCCGGACCCGG
CGCCCCAACATGGAGCTGTGACGGGACATCCCGCAGTTGAAGCTGGTGAACGAGGTGTTT
ACCATCGACGACACCCTGCAGACCCTCAAGCTGCGGCTGCGGGAGACACAGGACACGCTG
CAGCTGCTGGTCATGACCAAGTGCCGGCTGGAGCACGAGCTCGCCATCAAGGCCAACACC
CTCTGCATCGACAAGGAGAAGTGCATGGGCATGCGTAAGACCTTCCCCTGCACCCCGCGC
CTGGTGGGCCACACCTGA

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Restriction Sites:	Please inquire
ACCN:	NM_144674
Insert Size:	1500 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_144674.1</u> , <u>NP_653275.1</u>
RefSeq Size:	1609 bp
RefSeq ORF:	1458 bp
Locus ID:	146279
UniProt ID:	<u>Q96M29</u>
Cytogenetics:	16p13.13
Gene Summary:	May be a structural component of the sperm flagellum.[UniProtKB/Swiss-Prot Function]