

Product datasheet for **SC123188**

TEKT4 (NM_144705) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEKT4 (NM_144705) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEKT4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144705 edited

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GTTGGAGCTGCCCGCTGACCGCACTAGGCTGACCGCAACCGGCTGACCACACAGTCC
TCACTCCCTGGCCCTGGTGGCGGCAGGCACCATGGCGCAGACAGTGCCGCCCTGCGAG
CTGCCCTGCAAAGAGTACGACGTGGCCCGTAACACGGGCGCTACACGTCTCCGGCCTG
GCCACCGCAGCTTCCGCACCTCCAAGTACCTGCTGGAGGAGTGGTTCCAGAACTGCTAT
GCTCGCTACCACCAGGCCTTCGCCGACCGCGACCACTCGGAGCGGCAGCGGCACGAGAGC
CAGCAGCTGGCCACAGAGACCCAGGCGCTGGCGCAGCGCACGCAGCAAGACTCCACGCGC
ACAGTGGCGGAGCGACTGCAGGACACGCACAGCTGGAAGTCGGAGCTGCAGCGTGAGATG
GAGGCGCTGGCTGCGGAGACCACTTGTCTCTGGCCAGAAAGCAACGGCTGGAGCGCGCC
CTGGAGCCACAGAGGTGCCCTTCTCCATCACCCTGACAACCTGCAGTGCCGTGAGCGC
CGCGAGCACCCCAACCTCGTGCAGGACCATGTGGAACCGGAGCTGCTGAAGGAAGCCGAG
CTCATCCGGAACATTAGGAGCTGCTGAAGAGAACCATCATGCAAGCAGTGAGCCAGATC
CGACTGAACCGGGAGCACAAGGAGACCTGCGAGATGGACTGGTCAGACAAGATGGAGGCC
TACAACATCGACGAGACCTGCGGGCGCCACCACAGCCAGAGCACCAGGTGCAGGCTCAT
CCGTACTCCACCACCTTCCAAGAGAGCGCCTCCACCCGAGACCCGGGCCAAGTTCACG
CAGGACAATCTGTGCCGTGCCAGCGGAGCGCCTGGCCTCGGCCAACCTGCGGGTGCTG
GTGGAATGCATCCTTCGCGACACCTCCGAGGACCTGCGGCTCAGTGCGACGCCGTGAAC
CTGGCCTTCGGGCGCCGCTGTGAGGAGCTGGAGGACGCGCGGTACAAGCTGCATACCAC
CTGCACAAGACACTGCGGAAATCACAGATCAGGAACACAACGTGGCGGCACTGAAGCAG
GCCATCAAGGACAAAGAGGCACCTCTGCACGTAGCCAGACCCGGCTGTACCTGCGCTCG
CACC GGCCCAACATGGAGCTGTGCCGTGACGCAGCCAGTTACAGGCTGTTGAGTGAGGTG
GAGGAGCTGAACATGTCCCTCACAGCACTGCGAGAGAAGCTTCTAGAAGCGGAGCAGTCC
CTGCGCAACCTCGAGGACATCCACATGAGCCTGGAGAAGGACATTGCCGCCATGACCAAC
AGTCTCTTCATCGACCGCCAGAAGTGATGGCCCATCGTACTCGTACCCCAACATCCTG
CAGCTGGCTGGCTACCACTGAGCAGCGGCACGGTGCTTCCCCCAGTCCCCCAATAAAC
AGCGCGTTAGCTTTCAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144705 unedited NNGGAGTTTCATTGTAAACGACTTATATAGGCGGCCGCATAACTTCGTATAGCATACAT TATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGTTGG AGCTGCCCCGCTGACCGCACTAGGCTGACCGCAACCGGCTGACCACACAGTCCCTCACT CCCCTGGCCCTGGTGGGCGGCAGGCACCATGGCGCAGACAGTGCCGCCCTGCGAGCTGCC CTGCAAAGAGTACGACGTGGCCCGTAACACGGGCGCCTACACGTCCTCCGGCCTGGCCAC CGCCAGCTTCCGCACCTCCAAGTACCTGCTGGAGGAGTGGTTCAGAACTGCTATGCTCG CTACCACAGGCCTTCGCCGACCGCAGCTCGGAGCGGCAGCGCACGAGAGCCAGCA GCTGGCCACAGAGACCCAGGCGCTGGCGCAGCGCACGCAAGACTCCACGCGCACAGT GGGCGAGCGACTGCAGGACACGCACAGCTGGAAGTCGGAGCTGCAGCGTGAGATGGAGGC GCTGGTCTCGGAGACCACTTGCTCCTGGCCCAGAAGCAACGGCTGGAGCGCGCCCTGGA CGCCACAGAGGTGCCCTTCTCCATCACCCTGACAACCTGCAGTGCCGTGAGCGCCGCGA GCACCCCAACCTCGTGCAGCACCATGTGAAACGGAGCTGCTGAAGGAAGCCGAGCTCAT CCGGAACATTGAGAGCTGCTGAAGAGACCCATCATGCAGCAGTGAGCCAGAATCCGACT GACCGGNAGCACAAAGGAGACCTGCGAGATGGACTGGTCAGACCAGATGGAGCCTACAACA TCGACGAGACCTGCGGGCGCCACCACAGCCAGAGCACCAGTGCAC
Restriction Sites:	Please inquire
ACCN:	NM_144705
Insert Size:	1476 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:	<u>NM_144705.2</u> , <u>NP_653306.1</u>
RefSeq Size:	1471 bp
RefSeq ORF:	1308 bp
Locus ID:	150483
UniProt ID:	<u>Q8WW24</u>
Cytogenetics:	2q11.1

Gene Summary:

May be a structural component of the sperm flagellum. Contributes to normal sperm motility.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.