

Product datasheet for SC123100

TEKT1 (NM_053285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEKT1 (NM_053285) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEKT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_053285 edited

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GTTTACCTCTCTGTTCTGCAAGAGCTGGAAGCTCCAGTTGGGGTAAGGAGGCTCCCATCC
CGAGCTTGCCTAGTGGTTCTGTGTGGCGCTGAGGAATTTGGAAACCTCAAATGGCTAAAC
TATTACAACCTCCACCCAAGTTCCTGCCCTCAGAGTGGCACATTGCTAACAAGAACCAGT
ACCACAGAGCAGACGCTCAAAGGTCCTGATCAGAACGCCTGGTCGCAGAAAGCCAGAGGC
TTGTGGATGAAATTGAAAAGACCACAAGAAAATCTCAAAGCGATGTGAACAAGAACTAG
AACAGAGACTCGAGGAAGTCCAGTTCTGGAAGAAGGAGTTAGATGACAAACTTGAGCAGC
TTGTGAATGTAAGTATGATCTACTCATATATAAGATCAGATTGGAAAAAGCCCTGGAGA
CCTTGAAGAGCCCTTGACATCACTGAGACATGCCTGGCATAACAGGGAGAAGCGCATTG
GCATTGACCTGGTGCACGACACAGTGGAGCATGAGCTGATAAAGGAGGCTGAGATCATCC
AGGGCATTATGGCTCTGCTGACCCGTACCTTGGAGGAGGCTCCGAGCAGATTCCGATGA
ACCGCTCTGCCAAGTACAATCTTGAGAAGGATTTGAAGGACAAGTTTGTGGCCCTGACCA
TAGATGATATCTGCTTCTCGCTCAACAACAACCTCACAAACATCAGATATTCTGAGAACG
CCGTGAGGATTGAGCCAACTCCGTGAGTCTGGAAGACTGGTTGGACTTCTCCAGCACCA
ATGTGGAGAAGGCTGACAAGCAGCGGAACAACCTCCCTGATGCTGAAAGCCCTGGTGGATC
GAATCCTGTCCCAGACAGCCAATGATCTGCGCAAGCAGTGTGATGTGGTGGACACGGCAT
TCAAGAATGGGCTGAAGGATACAAAGGATGCCAGGGACAAGCTGGCTGATCATCTGGCCA
AGGTCATGGAAGAGATTGCTTCCCAGGAGAAAAATATTACAGCTCTTGAAGGCCATCC
TTGACCAAGAAGGGCCAGCCAAGGTGGCTCATACGCGCTTGGAGACCAGGACACACCGGC
CGAACGTGGAGCTGTGTGTGATGTCGCACAATATAGGCTAATGAAGGAGGTTCAAGAGA
TACCCCAATGTGCAAGATTGAAGGAACTTTAGCCCAAGCTCAGGCAGAGCTGAAAG
GGCTGCATCGCAGACAGCTTGCCTGCAGGAGGAGATCCAGGTCAAAGAGAACACCATTT
ATATCGACGAAGTGTGTGTATGCAGATGAGGAAATCCATCCCCTTCCGGATGGGGAAG
ACCATGGGGTCTGGGCTGGGGCCCTCCGCCCTGATGCTGTCTGCTAATAGTAGGGCTAGT
TCCAATTCTCATTAAACCACTTGTAAACAGTAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_053285 unedited NGGGCGAGTCTCGTAATTTGTATACGACTCACTATAGGCGGCCGATAACTTCGTATAGC ATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCG GGTTCACCTCTCTGTTCTGCAAGAGCTGGAAGCTCCAGTTGGGGTAAGGAGGCTCCCATC CCGAGCTTGCCTAGTGGTTCTGTGTGGCGCTGAGGAATTTGGAACCTCAAATGGCTAAA CTATTACAACCTCCACCAAGTTCCTGCCCTCAGAGTGGCACATTGCTACAAGAACCAG TACCACAGAGCAGACGCTCAAAGTCCCGATCAGAACGCCTGGTCGAGAAAGCCAGAGG CTTGTGGATGAAATTGAAAAGACCACAAGAAAATCTCAAAGCGATGTGAACAAGAAACTA GAACAGAGACTCGAGGAAGTCCAGTTCTGGAAGAAGGAGTTAGATGACAACTTGAGCAG CTTGTGAATGTAAGTATGATGATCTACTCATATATAAGATCAGATTGAAAAAGCCCTGGAG ACCTTGAAAGAGCCCTTGACATCACTGAGACATGCCTGGCATAACAGGGAGAAGCGCATT GGCATTGACCTGGTGCACGACACAGTGGAGCATGAGCTGATAAAGGAGGCTGAGATCATC CAGGGCATTATGGCTCTGCTGACCCGTACCTTGGAGGAGGCTCCGAGCAGATTCGGATG AACCGCTCTGCCAAGTACAATCTTGAGAAGGATTTGAAGGACAAGTTTGTGGCCCTGACC ATAGATGATATCTGCTTCTCGCTCAACACAACCTACCAAACCTCAGATATTCTGAGAACGC CGTGAGGATTGAGCCAACTCCCTGAGTCTGGAAGACTGGTGGGCTTCG
Restriction Sites:	Please inquire
ACCN:	NM_053285
Insert Size:	1433 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:	<ol style="list-style-type: none"> 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_053285.1 , NP_444515.1
RefSeq Size:	1428 bp
RefSeq ORF:	1257 bp
Locus ID:	83659
UniProt ID:	Q969V4
Cytogenetics:	17p13.1

Gene Summary:

This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is predominantly expressed in the testis and in mouse, tektin 1 mRNA was localized to the spermatocytes and round spermatids in the seminiferous tubules, indicating that it may play a role in spermatogenesis. [provided by RefSeq, Jul 2008]