

Product datasheet for **MC206594**

4930521E07Rik (BC027335) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930521E07Rik (BC027335) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4930521E07Rik
Synonyms:	4930521E07Rik; AI197391; Tect3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027335
 CTTCCCAGGGCTCCTGGGACGTATCTGGAGACCCAGGCTCCTGTGCGACCGCTCTGCGGCCAGGCTGCCT
 TATGTGCACCCTGCAGCTGCACCTGCTGCTGCTGGTGGTCTGATGCTTTCTGAGACCGCCGACCAG
 CCCTCCTCCACAGCCCGGGCTTTCCACCTCCTGGGGCTGGAGCCAGTGACGCCCGAAGTGCCAACT
 CAGCTCCTCCGGATTCGTCTGAGAGTCCGACTCCCTGGACTCTATCGATGCCCGTGAACGCGACCACCGA
 CCCCTTTCCAGCTTTACCGATCTGTGCTGTGACTTCCGGGTACCTGCGATTTAAACTGTGCTGT
 GACAAGGACTGCGATCTTCTCCATCCCAGAACAGTCTTTTCTGTCTTCTGTCTTCTGTCTTCTGTCTT
 CAAGTTGGGTATGTGTGACAACCTCTTATGTTCAAGGAGCAACTCCCGTTCCTTCCAGAGTTTTCAC
 GGACTCCAGTGGAACGACACAGTTTTGTGTCCGTGTGAACAACCTAAAAGCAAATATTTCCAGAAGCTC
 CAAACAGTCAATGCAACCAACTCCAGGCCCTGGCTGCAGAGTTCGGAGGCCAGTCTTCCCTTCAATGC
 CACCAGAAACCCAGCCGCGAGTACTATTCTATAGGGCTGGGGATCCCATCCTGACCTACTACCCGAGCTG
 GTCTGTGGTGAGCTTACTGAGGCAGCCTGCAGCGGTGGGAGCTGGGGGACTTTGTCCGAGAGCAACCT
 GCAGGTTTCTAGAGAGTAAAAGCACACGTGCCTCGTTTCTTCCAGGACCTGGCCAGTAGCTGCACCT
 CGGAGCCAGCCCTGGATGCTGCCTTACTATAACTTCAGAGTCTTGAAGTTCCAAGAGGTGTGACTGA
 TCTTCAGAATATGAAGTCCAGGTTCTGTGACGCTTGCCTCACAGCCAGCCCTCCTCTGTTGGTGGA
 AACACATGTCAGAATATCGTTTCCAGGTCGTCTACGAGATAGAGACCAATGGGACCTTTGGGATCCAGA
 AAGTCTCTGTGACGTTCCGACAGACCACTGACTGTCAAGCCAGGGGTCTCCTTACAGCAAGACTTCAT
 CGTTCACTTCCAGGCAATTTCAACAGAGAAAAGGCCGCTGCTCCTGTGCTCCGAGAAGTGGGAATCCTGGC
 TACCTCACTGGGAAGCCACTCTTAGTGTAAGTGGTGACACAAGTCACTCGATGACCCTGTTGCAGAGCG
 AGGGTAATGGGCTTTGCTCTGCTAAGAGACACGCACTACAGTTTGGAGTGAACGCAGTATCTGGGTGCCA
 GTTAAGACCCAGAGAGGTGAAGTGCAGCCACTTGACAGGAGGTTTATCAGACTCTGCACGGAAGGCC
 AGACCGGAGCACGTTGCCGTCTTTGGCAACGCTGACCCAGCCAGAGAGGAGGGTGGACAGGACTCCTCA
 GCAGAGACTGCAGCGTTTCCAGAGTAACTGCACCTTCTGTGCTGATACCAAGTTCCTTGGAGATCCA
 GGTGTTGTGGGCACATCTAGGACTTCAAGTCCAGTCAACCCACAAGCTCATGTGGCCGGAGCCAGATTCCTGTAC
 CAATGCAAGTCTGTACAGGAGCACCAGAGAGGAATAGAAGTATCTTTGACGACTCTTGTGAAGTTTGTGG
 ACATTACCAGAAAGCCAGAGCCTCCTAGGGATCAACCCAGAATAGACTGGAAGCTGCCATTTCGATTTCTT
 CTTTCCCTTCAAAGCGCGCTTGAGCAGAGGGGCCAGTGTGCAGAAAGACTCTCTCGTTCTCATCCTGTGT
 GTCTTACTACTTGGACTTCTCAACTCACAGACCAAGTGAAGAAAGAAAAGAATCCGGTTTCATTTTCCC
 TATGGGAAACAAAGACAGCCTACTTATCTTGGCTAAATAGGTCCTCATGATTACTCATGATTATAGGAGG
 GAATTTAGGGAACAGGACCTAACGAAAAGGAATTTTTTCTTTCCATTTTCTCACTATGTCGTCTTGGT
 TGGCCTAGAACTCCCAATGTAGACCAGGCTGGTCTCAGGCGCACAGAGATTTCCCTTTGCCTCTGCCT
 CCAGAGTGTGGATTAAGGCACGTGCTATCACGCCAGCCAGGAATCTTTATGAACTGAAGATGTTACG
 CTAGAAAAGTACTACAAGTATCCATCTTCATAGCTCTCCTCTTGGGGGCTCCTCGGACCTCCAGATA
 CAACTGGGTTCTCTGCGTCTAAAGCTGGGCAGGCCAAGAGCCCCATCTCTTCCAGTGTGTTTGGCAG
 GATCTCATAGGCGCATGCTCCTGCATATCCAGAGTGAAGTCAAGAGAGGCTGGCCCTGCATTAGTGCTG
 ACAATTCAAGCCGGGAAACTGCTGGCTCTGTGTTTTGTCTGGCTCTTTTGGCAAAGTTATAGCCACACCC
 TTTACCAGACCTGAGTTAGAAAAGTAGTTCTTTCTACTCGTTTCCCAAAGTGAATGGCGTCTATGTCC
 TTTTCTCACTAGCAAATGACTCCACCAGTCTTTCTGTCTCCTCCTACTTTTGGTGTGGTGAATAGAA
 GTGACTGAGACTCTCTTCTGTTATGTCCAGTAGCGTGGCAGAAGTTGACACCTCATGATAGACACCCCTG
 AGGATTTTATGTATATGAGGTTTAAAGGGAACTGGGACTCTCATAAACTGTATTTGAATCAGGAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC027335

Insert Size: 1788 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:	<u>BC027335</u> , <u>AAH27335</u>
RefSeq Size:	2754 bp
RefSeq ORF:	1788 bp
Locus ID:	67590
Cytogenetics:	19 C3
Gene Summary:	Part of the tectonic-like complex which is required for tissue-specific ciliogenesis and may regulate ciliary membrane composition. May be involved in apoptosis regulation (By similarity). Necessary for signal transduction through the sonic hedgehog (Shh) signaling pathway.[UniProtKB/Swiss-Prot Function]