

Product datasheet for MC200598

Tekt2 (NM_011902) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tekt2 (NM_011902) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tekt2
Synonyms:	AU014974; tektin-t
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC008140 sequence for NM_011902 CTGGATTAAGGGGCTCCAGGGCTTTGTGCCTGAAGACAGACCACTGAGGAAATACAGCTTGATTGCTAAT ACCTCACAGGAGGTGGCGATCTGGAACAGGCCTAAGGGGTTTCAGACCTTCGTCTCCTTAGCCATGGCGAC ACTAAGTTTCAAGCCCAGCGAACGCTACCGGCTCTCCGACTGGCGCACCAACAGCTACCTATTGTCCACC AATGCAGAGCGGCAGCGAGATGCTTCCCACCAATCCGCCAGGAGGCCCGGATCCTTCGCAATGAGACAA ACAATCAGATTGTATGGGATGAACATGACAATAGGACCCGCTGGCTGAGAGGATCGACACTGTCAACCG GTGGAAGGAGACGCTGGACAAGTGTCTGACAGATTAGATGCTGAGATCGATAGCTTGGCACAGGCCAAA GAATCAGCGGAGCAAAACCTGCAGGCCAAGAACCTGCCCTGGATGTGGCCATCGAGTGCCTGACTCTGC GAGAGAGCCGGCAGACATTGATGTGGTGAAGGACCTGTGGAGGAAGAGCTGCTGAAAGAGGTGGAAGT CATTGAAGCCACCAAGAAGGTCCTACAGGAGAAGATCAGCCAGGCCTTCCAGCACCTCTGTCTCCTGCAG GAAATTCGGCAGCAACTCAACTCTGACCACCGGACAAAATGGAGACACTGGAGATCGACAGGGGCTGCC TCTCTCTCAACCTCACTTCCCCAAACATCTCTCTGAAAGTCAACCCACACGCATCCCCAAAGACTCCAC CACACTGCAGCAGTGGGATGAATTTACTCGATTCAACAAGAACCAGGCGAGAGGCCGAAATGAAAGCGTCC ATAGAGTTGAGGGAAGCCATTGCCCTAGCTATTGCTCAGACCAACAATGAACTGGACGCTCAGAGGGTTG CAACAGAATTCACCTTCAGGAAGCGGCTTCGGGAAATGGAGAGTTTTTACAGTGAGCTCAAGTGGCAAGA GAAAAATACCTTAGAAGAGATAGCCGAGCTGCAGGAGACATTCGGCGCCTGGAGGAGGACCTGCGTAGA AAGATGATGAACCTGAAGCTTGACATACCCGGCTGGAGTCCAGAACCTACCGGTCCAATGTGGAGCTCT GCCGGGACCAGACACAGTATGGCCTCATTGATGAAGTCCACCAGTTAGAGGCAACCATCAATACCATGAA GCAGAACTGGCCAAACACAGAACGCTTTGGATGCCCTGTTCAAGCACCTGGCCCGGATACAGGCTGAT ATCGCGTGCAAGACCAACACCTGTCTCTTGGACACCAAGTGTATGGACACCCGACGCAAGCTGACGGTGC CGGCTGAGAAATTTGTGCCCCAGGTGGACACCTTCACGCGCACGACAAACCGCACACTGAGTCCACTCAA AATCTGCCAGCTGGAGCTAACCTAGGCTTTGGCGGCTGAGGGAAGACACAAGATTGGTGGGAGGGGGGAG TAGTGAGGGGACAGTAAAATAATAAAATGGAGTTCTCAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_011902


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Insert Size:	1293 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC008140 , AAH08140
RefSeq Size:	1533 bp
RefSeq ORF:	1293 bp
Locus ID:	24084
UniProt ID:	Q922G7
Cytogenetics:	4 D2.2
Gene Summary:	Structural component of ciliary and flagellar microtubules. Plays a key role in the assembly or attachment of the inner dynein arm to microtubules in sperm flagella and tracheal cilia. Forms filamentous polymers in the walls of ciliary and flagellar microtubules. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1-3 all encode the same protein. 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.