

Product datasheet for **MC206402**

Ttc12 (BC056616) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc12 (BC056616) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc12
Synonyms:	E330017O07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC056616
 CACTAAAGAGATTTGTGTCTGCGATGGCTGATGATCAAGAGAGAGACTTGCAGAGATTTCTGGAAAAATGT
 GGATGAAATAACCAAGTTTAAATCCAAGAGATGAATTCTGATGATCCCTTCATACAGCAGAAAGCTGTCCTG
 GACTCGGAAAAGAACTCCTGCTGATGGAGAGAGAGCAAGAGGAGGACGGGTGCAGGACCACTCTGAATA
 AGACCATGATCAGTCTCCACAACTCCCGAGAATGCAGATGAAATGAGCCCAGATGCCTTCTTGGCATC
 CGTGGAGAAGGACGCCAAGGAACGAGCCAAGAGAAGACGAGAAAACAGAGTCTTGGCAGATGCCCTGAAG
 GAGAAGGGGAACGAGGCCTTTGTGAGGGCGACTATGAAACAGCCATATTCTTCTACAGTGAGGGCTTGG
 GGAAGCTCAAGGACATGAAGGTGCTGTACACCAACCGAGCCAGGCCTTTATAAACTTGGGGACTATCA
 GAAGGCTCTTGTGATTGTGACTGGGCTCTGAAGTGTGATGAGAATTGTACAAAGGCCTATTTCACATG
 GGGAAAGCCACGTGGCCCTGAAGAACTACAGCAAGGCTAAAGAAATGTTATCAGAAGATTGAAGAGATAA
 ACCCCAAGCTGAAGGCACAGGTGAAAGAACCTAAATCAAGTAAGTCTTCGAGAGAAAGCAGATCTTCA
 AGAGAAGGAAGCCCAAGAATCTCTGGATTGAGGAAAGAACACAGCAGTGACGACCAAAAACTCTCTGGAA
 ACCCTATCCAAGCCTGGCCAGACACCTTGTCTATGCAGGAGGCATTGAGATTCTGACAGAAATGATGG
 CTGACTGCACAGAGCGAACGTTTTCAGAACCTACGGTGGATTGAGCACCATCAGTGACCATGAGGTCAT
 CAGAAGGTGCCTCTTCTTAACAGGGAAGGATGCAGTCGAGGAGGTGCTTTGCGTATCTGTCTAAAACCTC
 TGGCAGGAGGTTTGCCTGACAAACGAGGAGAACCAGCGCCTGCTTGTGACCCACCCTGATATGGCCAGGC
 TGCTGCCTTCTTCATGACTTCCAGAATCCTGGTGATTCAACAGCAGAGCCTGGACCTACTGCTGCAGCT
 CACTCAGACGGAGAATGGCCGGAACCAAGTGATCAAGCACCTTGACATGACCCAACTGTGTGAAGCACTG
 CTGTCAATTTCTTGCCTTCTCTGATAAGAAGGCCAATACAGCCATCGGAATACTCAGAGCTTGGCTCTAG
 AAGAAAGATTCCAAGTCTGGTTCCAGACCAACCTTCCAGATGTCTCCCTGCTCTACGGGAGCTCTGAA
 TCGAGAGCCCAAGATAACCAGCCCCTCTGCCCTCTGCCAGTGCATTGCTCTGTTGGGAAACATCAGCGCT
 GAGCCAACTGCCAGAAAACACATGATAGCTCATGAAGAATTTGGGAATGCCTGCTTGGACCTCCTGGTCA
 AGTGTGAAGAGGACATGGACTTATTCAGAGAGATCACATATACCCTCCTAGGACTCATCATGAACCTTGTG
 TCTTGAATCACCTTCTCTCTGAGATGTGGGTTGTGAAGATGAGCCGGAAGTGCCTGTCTCTACTGAAC
 AGCAAGGATGGAGGAATCTTAACAAGAGCGGCAGGTGTTCTGAGCCGACCCCTTCTCTCTCAGACCA
 TTGTGGAGGAGGCCCTGACAGCAGGAGTGGTCAAGAAAATGATTAATTCCTGAGGATGGGAGGCCAGAC
 TGCATCACGTTACGCCATAAAGATACTGGCTATCTGCACGAACAGCTGTCATGCAGCTCGGGAAGAAGTA
 GTGAGACTTGATAAAAAGTTTGACCTTTTGATGCTGCTGCTTGCCTCTGAGGATGAAATCTGGCGGGCA
 ATGCTGCCCTCTGCCTTGGCACTGCATGGAAGTGGCCAGTGCAGCCCTTCTTCTGCTGAAGACGGACAT
 CGTGAGGGTGCTCTTGAAGCTGGCAGGCAGCGACTCAAAGGAGACAGGCGTACAGCTGAATGCAGGCATC
 GCTCTGGGGAAGCTGTGCACTGCTGAGCCAGGTTTGTGCCCACTGCGAGAGCTTACGGGATACAAG
 TTCTCAACTCTACAATGAAACACTTGAATGATTCTTGAAGACACGGTGCCAGTGTAAAAGCCTGTGAGC
 ACACACACACACACACACACCAACTCTGGGCCAGGGTCACTGCTCTGCTAATAAATCTTTTTTAA
 TATTTAGCTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC056616

Insert Size: 2115 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: [BC056616](#), [AAH56616](#)

RefSeq Size: 2281 bp

RefSeq ORF: 2115 bp

Locus ID: 235330

Cytogenetics: 9 A5.3

Gene Summary: Cytoplasmic protein that plays a role in the proper assembly of dynein arm complexes in motile cilia in both respiratory cells and sperm flagella.[UniProtKB/Swiss-Prot Function]