

Product datasheet for **MC200484**

Tubb5 (NM_011655) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tubb5 (NM_011655) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tubb5
Synonyms: AA408537; AI596182; B130022C14Rik; M(beta)5
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003825 sequence for NM_011655
 CTTGCATCTCGTGCTGCAGCCTCCCGGCTCCGGTCCATCCTTTAGTCTGAGACCGGCCAGAAAGAAA
 AAAACCCCAAAAACCTTAATTTTTCTTTCTGTTCCGGTACCTACATTGGAACCACCAAAAACAATTATTTT
 AGTAAACCGTAGCCATGAGGAAATCGTGACATCCAGGCCGGACAGTGTGGCAACCAGATCGGTGCTAA
 GTTCTGGGAGGTGATAAGCGATGAACATGGCATCGACCCACCGGTACCTACCACGGTGACAGCGACCTG
 CAGCTGGACCGAATCTCTGTGTACTATAATGAAGCCACAGGTGGCAAGTATGTCCCTCGAGCTATCTTGG
 TGGATCTAGAACCTGGGACTATGGACTCCGTTCCGCTCAGGTCTTTTTGGCCAGATCTTCAGACCAGACAA
 CTTTCGTTTTCGGTCAGTCTGGGGCAGGCAACAACCTGGGCTAAAGGCCACTACACAGAGGGAGCTGAGTTG
 GTTGACTCTGTCTGGATGTGGTGGGAAAGGAGGCGGAGAGCTGTGATTGCCTGCAAGGCTTTTCAGCTGA
 CCCACTACTGGGTGGAGGCACTGGCTCTGGCATGGGCACCCTGCTCATCAGCAAGATCCGGGAAGAATA
 TCCTGACCGTATCATGAATACCTTCAGTGTGGTGCCTCGCCCAAAGTGTCTGATACCGTGGTCGAGCCC
 TACAATGCCACCCTGTCTGTCCATCAGTTGGTTGAGAACACGGATGAGACCTACTGCATCGACAACGAGG
 CCCTCTACGACATCTGCTTCCGTACCCTCAAGCTCACCACGCCAACCTACGGAGACCTGAACCATCTCGT
 CTCGGCCACCATGAGCGGCGTCACCACCTGCCTCCGTTTTCCCGGCCAGCTTAATGCTGACCTTCGAAAAG
 CTGGCTGTCAACATGGTGCCATTCACACGTCTCCACTTCTTCATGCCTGGCTTTGCCCTCTCACCAGCC
 GTGGAAGCCAGCAGTACCGGGCCCTCACTGTGCCTGAACCTACCCAGCAGGTCTTCGATGCCAAGAACAT
 GATGGCCGCTGCGACCCGCGCCACGGCCGGTACCTCACAGTTGCCGCGCTTTCCGTGGACGGATGTCC
 ATGAAGGAGGTGGATGAGCAGATGCTCAACGTGCAGAACAAGAATAGCAGCTACTTCGTGGAATGGATCC
 CCAACAATGTCAAGACAGCTGTCTGTGACATCCCACCAGTGGCCTCAAGATGGCAGTCACCTTCATTGG
 AAACAGCACAGCCATCCAGGAGCTCTTCAAGCGCATCTCTGAGCAGTTTACGGCTATGTTCCCGCGAAG
 GCTTCTCCTCACTGGTATACGGGTGAGGCGATGGACGAGATGGAGTTACCCGAAGCTGAGAGCAACATGA
 ACGACCTCGTCTCTGAGTACCAGCAGTACCAGGATGCCACCAGGGAAGAGGAGGATTCGGAGAGGA
 GGCAGAAGAGGAGGCCTAAGGCAGAGAGCCCTGCATCAGCTCAGGCTGCTTAGATCCCTCAGCTTTCTCC
 AACTGCCCTTTGCTCCTCAGTTTCTTTCTGCTGCCTCTGTCTTGTATTTGTTTTGTTCTGTTTTCTCATT
 GGGGGTAAATGGTGCCTGGCACATGGCAGGCACTCAATAAATATTTGTTTGTGGAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_011655
Insert Size:	1335 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:	BC003825 , AAH03825
RefSeq Size:	1694 bp
RefSeq ORF:	1335 bp
Locus ID:	22154
UniProt ID:	P99024
Cytogenetics:	17 B1
Gene Summary:	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. [UniProtKB/Swiss-Prot Function]