

Product datasheet for **MC200606**

Tuba1b (BC008117) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tuba1b (BC008117) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tuba1b
Synonyms: Tuba2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008117
 CGACTCTTAGTTGTCGGGAACGGTAACCGAGACCCGGTGTCTGCTTCTATCTCTCACCCCTCGCCTTCTAA
 CCCGTTGCTATCATGCGTGAGTGCATCTCCATCCACGTTGGCCAGGCTGGTGTCCAGATCGCAATGCCT
 GCTGGGAGCTCTACTGCCTGGAACATGGCATCCAGCCTGATGGCCAGATGCCAAGTGACAAGACCATTGG
 GGGAGGAGATGACTCCTTCAACACCTTCTTCAAGTGAAGACAGGAGCTGGCAAGCATGTGCCCGGGCAGTG
 TTCGTAGACCTGGAACCCACGGTCATCGATGAAGTTCGCACTGGCACCTACGCCAGCTCTTCCATCCTG
 AGCAGCTCATCACAGGCAAGGAGGATGCTGCCAATAACTATGCCCGTGGCCACTACACCATTGGCAAGGA
 GATCATTGACCTTGTCTGGACAGGATTCGCAAGCTGGCTGACCAGTGCACGGGTCTCCAGGGCTTCTTG
 GTTTTCCACAGCTTTGGCGGGGAACTGGCTCTGGCTTCCCTCCCTGCTGATGGAGCGGCTCTCTGTGG
 ATTACGAAAAGAAGTCCAAGCTGGAGTTCTCCATTTACCCAGCCCCCAGGTTTCCACTGCTGTGGTTGA
 GCCCTACAATTCCATCCTCACCACCCACACCACCTGGAGCACTCTGATTGTGCCTTCATGGTAGACAAT
 GAGGCCATCTATGACATCTGTCTGTAGAAACCTCGACATTGAGCGCCCAACCTACACCAACCTTAACCGCC
 TTATTAGCCAGATTGTGTCTTCCATCACTGCTTCCCTCAGATTTGATGGGGCCCTGAATGTTGATCTGAC
 AGAATTCAGACCAACCTGGTACCTACCTCGCATCCACTTCCCTCTGGCCACTTATGCCCTGTGCATC
 TCTGCTGAGAAAGCCTACCATGAGCAGCTTTCTGTAGCAGAGATCACCAATGCCTGCTTTGAGCCAGCCA
 ACCAGATGGTGAATGTGACCCTCGCATGGTAAATACATGGCTTGTGCCTGCTATACCGTGGTGTGATG
 GGTTCCCAAAGATGTCAATGTGCCATTGCCACCATCAAGACCAAGCGCAGCATCCAGTTTGTAGACTGG
 TGCCCCACTGGCTTCAAGGTTGGCATTAAATTACCAGCCTCCACTGTGGTACCCGGTGGTGCCTGGCCA
 AGGTGCAGAGAGCTGTGTGCATGCTGAGCAACACCACAGCCATTGCTGAGGCCTGGGCTCGCCTAGATCA
 CAAGTTTGATCTGATGTATGCCAAGCGTGCCTTTGTGCACTGGTATGTGGGTGAGGGCATGGAGGAGGGT
 GAGTTCTCTGAGGCCCGTGGAGACATGGCTGCCCTAGAGAAGGATTATGAGGAGGTTGGTGTGGATTCTG
 TGAAGGCGAGGGGGAGGAAGAAGGAGAGGAGTACTAAGTCCATTCTTGGAGCCCCCTGTGCTGTCGCAAA
 TGCTCCAGTATTAGTTGCAGGCACTGATGCTTCTGTGCTGTTTCCATTCTGTGATCATGTCTTCCATG
 TTGTACCTCTTAAGTTTTCCATGATGTCTCAAAGTAAAAGCTTTAAGAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	BC008117
Insert Size:	1356 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>BC008117</u> , <u>AAH08117</u>
RefSeq Size:	1628 bp
RefSeq ORF:	1356 bp
Locus ID:	22143
Cytogenetics:	15 F1
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]