

Product datasheet for **MC200532**

Tubb4b (NM_146116) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tubb4b (NM_146116) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tubb4b
Synonyms: 4930542G03Rik; Tubb2c; Tubb2c1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005547 sequence for NM_146116
 CCGAAGTGCTCCTCTTCTACAGCTGTTCCGCACTCGCCGCCATGAGGGAGATCGTGACCTGCAGGC
 TGGGCAGTGCAGCAACCAGATTGGCGCAAGTTCTGGGAGGTAATCAGCGACGAGCATGGCATTGATCCC
 ACTGGCAGTACCACGGAGATAGCGACCTCCAGCTGGAGCGCATCAACGTGTACTACAACGAAGCCACCG
 GTGGCAAGTATGTGCCCCGCGCCGTGCTCGTGGACTTGGAGCCCGCACCATGGACTCGGTGCGTTGAGG
 GCCCTTCGGGCAGATCTCAGACCTGATAAATTGCTCTTTGGTCAGAGTGGGGCTGGGAACAAGTGGCC
 AAGGGGCACTACACAGAAGTGCAGAGCTGGTTGACTCGGTGTTGGACGTTGTGAGAAAGGAAGCTGAGA
 GCTGTGACTGCCTGCAGGGCTTCCAGCTGACCCACTCCCTGGGTGGGGGGACTGGGTCTGGGATGGGTAC
 CCTCCTTATCAGCAAGATCCGGGAGGAGTACCCAGACAGAATCATGAACACCTTCAGTGTGGTACCTTCC
 CCCAAGGTGTCGGACACAGTGGTTGAGCCCTACAATGCCACCCTTTCAGTCCACCAGCTGGTTGAAAACA
 CAGATGAGACCTATTGTATTGATAATGAAGCACCTTATGACATCTGCTTCAGAACCTAAAGCTGACCAC
 ACCCACTTACGGTGACCTGAACCATCTAGTGTCCGCCACCATGAGTGGGGTAACCACTTGCCTGCGATT
 CCTGGCCAGCTAAATGCTGACCTGCGGAAACTGGCTGTAATATGGTGCCTTCCCTCGCCTGCACTTCT
 TCATGCCTGGCTTTGCCCTTGACCAGCCGGGCGAGCCAGCAGTACCGTGCCTGACAGTTCCTGAGCT
 CACCCAGCAGATGTTTGTGCAAGAACATGATGGCTGCCTGTGATCCAAGACATGGGCGCTACTTGACT
 GTGGCTGCCGTGTTGAGGGCCGCATGTCTATGAAGGAGGTGGACGAACAGATGCTTAATGTCCAAAACA
 AGAACAGCAGCTACTTTGTTGAGTGGATCCCCAACAAATGTGAAGACAGCTGTCTGTGACATTCCACCTCG
 GGGCCTGAAAATGTCGGCCACCTTCAATTGGCAACAGCACCGCTATTGAGGAGCTGTTCAAACGCATCTCA
 GAGCAGTTCACAGCCATGTTCCGACGCAAGGCCTTCTACTGGTACACGGGTGAAGGCATGGATGAGA
 TGGAGTTCAGTGGCTGAGAGCAACATGAACGACCTGGTGTCCGAGTACCAGCAGTACCAGGACGCTAC
 AGCTGAGGAAGAGGGAGAGTTTGGAGGAGGAGGCTGAGGAGGAGGTGGCTTAGAGCTGTCTTAGTCACTAA
 AGCATGGGAGCAGTGTGAACTCTTATTATTACAGCCTGTCTGCTAGCCATGTCCACTGTGCATTGTC
 TGTCTGTGTCCTGACATCACTTGTACAGATACCACCATTAAAGCAATTCATAGTAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_146116
Insert Size:	1338 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:	BC005547 , AAH05547
RefSeq Size:	1561 bp
RefSeq ORF:	1338 bp
Locus ID:	227613
UniProt ID:	P68372
Cytogenetics:	2 A3
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]