

Product datasheet for **MC200508**

Tubg1 (NM_134024) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tubg1 (NM_134024) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tubg1
Synonyms: 1500010O08Rik; AI451582; AI503389; Tubg
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006581 sequence for NM_134024
AGCGCGTAGCGGTCGGCGGTGTTGCTGGCGGGAGAGACTGCAACCCCGATGTCTGAGGAGCGATGCCGA
GAGAAATCATCACCTACAGTTGGCCAGTGCGGCAATCAGATTGGGTTGAGTTCTGAAACAGCTATG
TGCCGAGCATGGCATCAGTCCCGAGGGCATCGTAGAAGAGTTCCGCCACGAGGGCACTGACCGAAAGGAC
GTCTTTTTCTACCAAGCAGATGATGAGCACTACATCCCCCGGGTGTGCTGCTGGACCTGGAGCCCCGGG
TGATCCATTCCATCCTAACTCCTCTATGCTAAGCTCTACAACCCGGAGAACATCTACCTGTGGAGCA
TGGCGGAGGAGCTGGCAACAACCTGGCCAGCGGATTCTCCAGGGAGAAAAATCCACGAGGACATTTTT
GACATCATAGATCGGGAGGCAGATGGCAGTGACAGTCTAGAGGGATTTGACTGTGTCATTCCATTGCTG
GGGGGACAGGCTCTGGCTTGGGCTCCTACCTCCTGGAACGGCTAAATGACAGGTACCCCCAAAACTAGT
GCAGACATACTCTGTGTTCCCAACCAGGATGAGATGAGTGACGTGGTGGTCCAACCTACAACCTCCCTC
CTCACACTAAAGAGGCTGACCCAGAACCGGACTGTGTGGTGGTCTGGACAACACGGCCCTGAACCTGA
TAGCCACAGACCGCTACACATCCAGAACCATCCTTCTCCAGATCAACCAGCTGGTGTCCACCATCAT
GTCAGCCAGCACCACCCTGCGCTACCTGGATACATGAACAATGACCTCATCGGCCTCATCGCCTCG
CTCATTCCCACCCTCGGCTCCACTTCCCTCATGACTGGCTACACCCCTCACCACGGACCAGTCACTGG
CCAGTGTGAGGAAGACAACAGTCTGGATGTCATGAGGCGCTGTACAGCCCAAGAAATGTGATGGTGTG
CACAGGCCGGGATCGTCAGACCAACCACTGCTACATCGCCATTCTCAACATCATCCAGGGAGAGTTGGAC
CCCACCCAGGTCCACAAGAGCCTGCAGAGGATCCGGGAAAGGAACTGGCCAACCTCATCCCCTGGGGCC
CAGCCAGCATCCAGGTGGCCCTGTCAAGGAAGTCTCCCTACCTGCCCTCAGCCCACCGGGTCAGCGGGCT
CATGATGGCCAACCAACCAAGTATCTCCTCGCTTTGAAACGGACCTGTGCGCAGTTTGACAAGCTGCGG
AAACGGGAGGCCTTCATGGAACAGTTCCGCAAGGAGGACATCTTCAAGGACAATTTTGACGAGATGGACA
CCTCCAGGGAGATTGTGACGAGCTGATTGACGAGTACCACGCGGCCACACGGCCAGACTACATCTCCTG
GGGCACCCAGGAGCAGTGTGACGAGCAGAGGACCCTCATCTGCCTTACCGTTAGCCAGGCCCTG
CCAGGCTGACTTCCCCTCGGAGCACAGATCAGGGACCTCACAAGTCTCGGTACACACGACCGTCACT
CGGCTTGGGGTGGGTTTACTTCTCTGAGAGTATTTATCTTTAATAAAGCACTGGATGTAACCAAAAA
AA

Restriction Sites: RsrII-NotI



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ACCN:	NM_134024
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>BC006581</u> , <u>AAH06581</u>
RefSeq Size:	1657 bp
RefSeq ORF:	1356 bp
Locus ID:	103733
UniProt ID:	<u>P83887</u>
Cytogenetics:	11 64.24 cM
Gene Summary:	Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation (By similarity).[UniProtKB/Swiss-Prot Function]