

Product datasheet for **MC200666**

Tubgcp2 (NM_133755) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubgcp2 (NM_133755) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tubgcp2
Synonyms:	1700022B05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC012519 sequence for NM_133755
 CCGACGCGTGGGCGGAGCCAGGCTGGCCTGCAGCGGGGAAGAGCCTGATTCTCTTGGGCCTCTGCCGCCG
 GCGGTTCCGTCCGCCAGCCCGGGCTTGTCTCGCTCCACGGTGCAGCTGCCTCTCTGGCTCTTTCAGTCC
 CTCCAGGAGTCCAATTGGAGGCAGTGGCCTTGGGAAGTTCGTGGAAAACCTGGTTATGTTGGTGTCTCAG
 AGCTAAACTATGAGCGAATTTCCGATTACCATGATGTCAATGAGCTGCTCAGCCTGCTCCGCATCCATG
 GCGGGGATGGGGCTGAGGTCTACATTGACCTGCTGCAGAAGAACCGGACGCCGTATGCTACAACCCACAGT
 CTCTGCCACAGTGCCAAGGTCAAATTCAGAATTTTCTCGAACTCCTGAGGACTTTTTAAAGAAATAT
 GATGAACTGAAATCTAAAAATACAAGGAACCTTGACCCACTGGGTACCTGTTATCAAAACTCACAGAAG
 ACAAGAGACACTTCAGTTTTTGCAACAGAATGCAAAGGAAAGAGCTGAGCTTGCAGCTAGTGTGCAAC
 TAGCAACACCACCAGCTTCAAGTGTGCAAGCTTAAAGTGTCCACACAAGAGCTAGAGGAACTG
 AGGAAGCAGCTTGGCAGTGTATCCACAGGCTCCACACTGCAGCAGTCTCTGGAACCTACAAGAAAGATGC
 TTCGAGACAAACAGAACAAAAAATTCAGGCCAGCCCTCCCTGTCTCCAGCATGGGTGTATGAGAG
 ACCAACATTGGCTGGAGATTTCTGATTGGCTCGGGCTTGGCTCAGACACAGTTTTGCCTATAGGTACA
 TTGCCCTTGGCCTCCCAGGAGTCACTGTGGTGGAAAGATCTGCTCTATGTGCTTGTGGGTGTGGATGGCA
 GGTATATCACTGCTCAGCCTTTGGCTGGGAGGCAGAACCCTACCTTCTTGTGACCCCAACCTGGACCT
 GTCATCCGGGAGCTAGTAAACAGAATCCTCCCTGTGGCCGCCAGCTACTCTACTGTGACCAGGTTCAAT
 GAGGAGAAGTCTTCAATTTGAATATGGGCAGGTGAACCATGCCCTGGCTGTGCCATGAGAACCCTAGTAA
 AGGAATACCTGATTCTGGTCAACAGCTGGAACAGCTGCACAGGCAGGGCCTCCTCTCACTGCAGAAGCT
 CTGGTTTACATCCAGCCAGCCATGCGCACCATCGACATCCTTGCCCTCCCTTGCCACCTCAGTGGATAAA
 GGCGAGTGTGGGGCGGGTCGACACTGAGCCTTCTTTCATGATAGGAGCTTCAACTACACCGGGGACAGCC
 AGGCGCAGGAGCTGTGCCTCTATCTGACCAAGGCAGCCAGTGCACCTTACTTCGAGATCCTGGAGAAGTG
 GATCTATAGGGGCATCATTATGACCCATACAGTGAAGTTCATGGTGGAGGAACACGAGCTGCGGAAGGAG
 AAGATCCAGGAGACTACAACGACAAGTACTGGGACCAGCGCTACACTGTGCTGCCGACAGATCCCCT
 CCTTCCTGCAGAAGGTAGCAGGCAAGATCCTCAGCACAGGAAAATACCTAAATGTGGTCAAGAGTGTGG
 TCATGATGTACCTGTCCGTAGCCAAAGAAATCATCTATACCCTTAAAGAGCGGGCATATGTGGAGCAG
 ATAGAGAAAGCGTTCAATTATGCCAGCAAAGTGTGCTGGACTTCTCATGGAGGAGAAGGAGCTGGTGG
 CCCACCTGAGGTCCATCAAGCGCTACTTCTGATGGACCAGGGGACTTCTTCTGTCATTTTATGGACCT
 GACTGAGGAGGAGCTCAGGAAGCCAGTGGAGGACATCATACTCACACGCCTGGAGGCCCTGTTGGAGCTG
 GCCCTGCGAATGAGCACTGCCAACACTGACCCCTTCAAAGACGACCTCAAGATTGAACTGATGCCTCAGC
 ACCTAATCACTCAGCTTTTGGGGTTCTGGCCATCGAGACCAAGCAGGAAAAGGCAATGACCCATGTGA
 CCCCACGGAGCTCACACTGAGTGGTCTGGAGGCCCTTCTCCTTTGACTACATGGTCAAATGGCCCTGTCA
 CTGATTATTAACAGGAAGGCACTCACCCGCTACCAGATGCTCTTCCGACACATGTTCTACTGCAAGCAGC
 TGGAGCGGCAGCTCTGCAGTGTCTGGATCAGCAACAAGACGGCCAAGCAGCATGCACTGCACTCCGCCAA
 GTGGTTTGTGGTGTCTTCACTCTGCGGCAGCGAATGCTCAACTTTGTCCAGAATATTCAGTACTACATG
 ATGTTTGAAGTGTGGAACCGACCTGGCACATCCTTGAGAAAAACCTGAAATCTGCCTCCAACATTGACG
 ATGTCCTTGGCCACCACATAAGCTTCTTGACAACCTGCCTGAAGGACTGCATGCTGACCAACCCTGAGCT
 GCTGAAGGTTTTCTCAAGCTCATGTCCGTATGCGTATGTTTACCAACTGTATGCAGAAATTTACACAG
 AGTATGAAACTGGACAGTGAAGTGGAGTGGAGGCTGACTGAGGATCAGGGTAGTGTGCAGGGGCCACCCACAG
 AGACTGAACGGATTGAGGATCGCCCCGGAAGGAGCTTACCAGGAAGCATCTGTCTGAGCATGTGGATGC
 TCCTCAGTGGCCCTCTGGTTTCGAGGCCACCATCAACAACCTTTGACAAAAACTTCTCTGCCATCTTCTT
 GATTTGCTGGCCGACTAAGTGTCTACAGCACCAGTACTGCGAACATGGCATGGCCAGTGTCTATCTCCA
 GACTAGATTTCAATGGTTTCTATGCTGAACGCCTGGAACGTCTGTCTGCAGAAAGGAGTCAAGGCTGC
 CCCCCAAGTGCCTGTCCCACGGGACCCTCAGCACCAGCACCCAGGGTGGCCATTCTGCGCAATGAGCT
 CACTTGTTAAATATCATTATTTCTGGAACATGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_133755
Insert Size: 2718 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:	BC012519 , AAH12519
RefSeq Size:	2992 bp
RefSeq ORF:	2718 bp
Locus ID:	74237
UniProt ID:	Q921G8
Cytogenetics:	7 F4
Gene Summary:	<p>Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a).</p>