

Product datasheet for **MC220677**

Tubgcp5 (BC027075) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubgcp5 (BC027075) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tubgcp5
Synonyms:	MGC38608, GCP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCACAGCTCTGAAAGTCTACCACCGGGAATGGCCCCATACCTAAGAAGCAACCTGACGCTCCCT
 TTAGAACCTACCAGGCCTTCATGTGGGCCCTCTACAAATACTTCATTAACCTCAAGGAAGAGCTTACAGA
 CATTGAGAAGTGTGTCATCAGTAGTGATACAACCATAACACTTGCAATAGTGGTGAACAAGTTGGCACCT
 CGATTGGCGCAGCTAAAGGTCTGGACAAAGTGTAGTACTGGAGTGGCAGAAGTTCCACCTGATACTC
 GCAATGTCGTCCGGGCATCTCACCTGCTTAACACCCTGTACAAGGCCATTCTTGAATATGACAATGTTGG
 CGAAGCCTCTGAACAAACAGTCTCCCTCTGTTCTCTCTGGGTGAAACAGTGAGGCCCTACCTACAG
 ACGGTAGATGAATGGATCGTCCATGGACACCTATGGGACGGCGCAAGGGAGTTTATCATACAGAGGAATA
 AAAACGTTCCAGTAAATCACAGAGACTTCTGGTATGCAACGTACACACTCTATAGCGTATCTGAGAAGAC
 AGAGAATGAAGACAAAGTGAGTGACAGTGCCAGTGCCAGCTCTGGCAGTGACCAGGGGCCCTCGAGCAGA
 CAGCACACCATGGTGTCTTCTGAAGCCTGTCTGAAGCAGATCATAATGGCTGGCAAGTCAATGCAGC
 TGCTGAAGAACCTCAACTGTGCAGAGGGCCCTGCGTGCCAGGCAGCAGCCAGAGATGCAGAAAGAAAAAG
 CTTATATACCCTCTTTCTGGAATCTATACAGTTACGTCTTCAACATGGAGAAGATTCTGCTCCACACATT
 GTTAATGAAGATCAAACAACCAAGAGAACCTTATAAAGATGCAGTCCATTGCTGAAAGGCACCTTGAGC
 TAGATGATATTGATGACCACTGTTGGCCATCACTTTGCAAGGTTGATTTGGAGCAGAGCGACTTTCA
 CGAGAAGTTTGTGGTGGTGACATATGCGTGGATAGATCATCAGAGTCTGTGACCTGCCAGACTTTTGAA
 TTAACACTGAGGTCTTGCCTCTATCCTCACATTGATAAGCAGTATCTACATTGCTGTGGGAATCTCATGC
 AAACCTTAAAGAGAGATTTCAAGCTGGTGGAGTACTTGCAGGCCATGAGGAATTTTTTCTGATGGAAGG
 TGGAGACACCATGTATGACTTCTATACTTCAATTTTGTATAAAATAAGAGAAAAGGAAACCTGGCAGAAT
 GTGCTTTTTCTTAATGTGCAGCTCCAAGAAGCAGTAGGACAGCGCTATCCTGAAGACAGTTTACGTTTAT
 CTATATCTTTGAAAATGTTGATACAACCTAAGAAGAACTACCCGTTTATCTTAGATGGTCTTACCCT
 AAGCTACAAGTCCCATGGCCTGTGGACATTGTTATAAGTGTAGAATGTCAAAAAATTTATAATCAGGTT
 TTCCTTCTCTATTGCAAATAAAATGGGCAAAATACAGCCTGGATGTTCTACTATTTGGTGAAGTGGGTA
 ATGCTGCTGAAAGATCCCAAGCAAAGGAAGACATTCCACGTGATCAGGACACACCCTCCAGTTTGGACC
 ACCAAAAGAGTCATTAAGACAGCAGATTTCATCGCATGTTTCTCTTAAGAGTGAAGCTCATGCACTTTGTG
 AATAGTTTACACAACATCATGACCAGGATTCTTACAGTACAGGGCTGGAGTTTCAGCATCAAGTTG
 AGGAAGCCAAAGATTTAGATCAGTTGATTAATTAATCACTACAGGTATTTGTCAACCATCCATGATCGATG
 TCTGCTGAGAGAAAAGGTCAGCTTCGTGAAAGAAGCCATCATGAAAGTGTGAACTTGGCGCTCATGTTT
 GCAGAAGGTTGGCAGGCAGGCCTAGGGGCTTGGCAATGGAATCTATAGAGAAGATGGAATCTGACTTTA
 AAACTGCCACATGTTTCTGGTAACCATCTTAAATAAAGCTGTGTGTAGAGGATCTTTTCCCCACTTGGA
 ATCTCTTGCACTGTCGCTCATGGCTGGCATGGAGCAAAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC027075

Insert Size: 2073 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC027075](#), [AAH27075](#)

RefSeq Size: 2759 bp

RefSeq ORF: 2072 bp

Locus ID: 233276

Cytogenetics: 7 B5

Gene Summary: Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. [UniProtKB/Swiss-Prot Function]