

Product datasheet for **MC216055**

Tubal3 (NM_001033879) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubal3 (NM_001033879) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tubal3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216055 representing NM_001033879
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGGAGTGTCTCTCCATTACATTGGTCAAGCTGGTCCAGATCGGGGATGCTTGCTGGAACTGT
 ATTGCCTGGAACATGGGATCCAGCCAGATGGCTTTATTCTGGACCATCAACATGATAATTTGGAAAATCC
 TAAAGTGAACATATGAATGCATCTTTAGATACCTTCTTTTCATGAGACAAGAGCTGGGAAGCATGTGCC
 AGAACACTTTTTCATGGACCTAGAACCAACTGTTATAGATGGGATCCGTGTGGGGAGGTACCACTCACTCT
 TCCACCCAGAACAACCTTGTGAATGGAAAGGAGGATGCTGCCAACACCTACGCACGAGGTCTGACTCTGT
 GGGTTCAGAGGTCATCGAGCTTGTCTAGAAAGGATCCGGAAGCTGCCAGAACATGCAGTGGACTTCAG
 GGATTTTTGATTTACCGAAGCTTTGGAGGAGGCACAGGGTCGGGATTTACATCTCTCTTGTGGAGCGAC
 TCTCCGTAGAGTATTGCAAGAAGATAAAAATTGGAGTCTCTGTCTACCCATCTCCTAGGATCTCCACTGC
 CGTGGTAGAACCGTACAATGCCATCCTCACCCTCACTCCACCATAGAATACTCAGATTGTCTTTTCATG
 GTGGACAATGAGGCTCTGTACGACATCTGCCAGCACAACTTGGCATTGAACGTCCTTCCTATGCTAGTA
 TCAACAGGCTGATTGCTCAGGTGTCGTCTTCCATCACTGCATCACTGCGTTTTGAAGGACCTTTGAATGT
 AGACTTAATTGAATCCAGACCAACCTAGTACCTTATCCAAGAATCCATTTCCCATCACAGCTCTTGCC
 CCCATCATCTCCGCTGAAAAGGCGTACCAAGAGCAGCTCTCTGTGTCTGACGTCCTGCTTCTTGCTTTG
 AGGTCTCCAACCAAGTGGTCAAGTGTGATCCCAGGCTTGGGAAGTACATGGCTTGTCTTACTGTACAG
 AGGAGATGTGGTCCCTAAGGATGTAATGAAGCAATTGCAGCCATGAAATCTAGGACCTCTGTTCAGTTT
 GTTGATTGGTGTCCAACCTGGTTTCAAGGTGGGCATCAATTATCAGCCACCTGCAGTGGTACCAGGAGGG
 ATCTAGCTAGGGTTCAGCGTGTGTGTCATGTTGAGCAACACCACAGCAATTGTGGAAGCTGGGCCCG
 CCTGGACCACAAAATTTGACCTCATGTATGCCAAGAAGGCATTCTGCAGTGGTACATCACAGAAGGCATG
 GAGCTTGGGGAGTTGTAGAGGCCAGGGAAGATCTGGCTCTGAAAAAGATTATGAAGAAGTGGGTC
 TGATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033879

Insert Size: 1341 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.

RefSeq: [NM_001033879.3](#), [NP_001029051.2](#)

RefSeq Size: 3122 bp

RefSeq ORF: 1341 bp

Locus ID: 238463

UniProt ID: [Q3UX10](#)

Cytogenetics: 13 A1

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 (By similarity).[UniProtKB/Swiss-Prot Function]