

## Product datasheet for **MC220115**

### Map9 (NM\_001081230) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Map9 (NM_001081230) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map9
Synonyms:	5033421J10Rik; 5330427D05Rik; ASAP; Mtap9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220115 representing NM\_001081230  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGATGAAATCTTCAGCACAACCTTTGGCGTACACCAAGAGTCCAAAGGCTACCAAGAGAATCTCT  
 TTCAGGATGAGCTGATCAGAGCCATTACAGCCGGTCAGCCAGGCAGAGAAGTCCGAATACTCCGATGA  
 CTTTGACAGTGACGAGATTGTTTCTTTAGTGAAATTTTCAGATACCTCGACAGATGAAAGCTAGTTAGA  
 AAAAAGATGAATGATTTTCATATATCCGACGATGAGGAAAAAATCTCCAAGACTGTCTTTTTGAAAA  
 CCAAGAAAGTAAACAGGGCAATATCCAACGATGCTCTGGACTCCAGCACTCCGGGCGAGCAAGGCTCGTC  
 ACCGGATGCTCAAGAAGATGTGACTGGAGATCCCTCCCAAATCTCAAATGATGATCGAGAAGTCGGC  
 AGAGAGATCATCACAGTGAAGCTACACCCAGGATGCACCCCGTCAAAGAAGCACGTCTCGGGGAAA  
 CCAGCAGCGGTCTTGATGCAGATGGCCACTTAAAGCCTCACCCAGCCAAGGAGCATGTTAAAAAAGAG  
 CAGCCCACTGAGGAGGGAGTCAGACCAGGAGTTGATAAAGAACATTCCATAAGCGAAGCCTCTGCTCCC  
 ACACCTTCCCTTCCAAGGCAGAAATGGCAGAGATTGCAAAGTGGGAAAAAATATACTCGAAAACTCG  
 ATCTTGAGGACTCACTCTTACAAGTCTGACCTCATCTTCTTCAAAGAAAGCCCGGAGGTTGCATC  
 ACCAGGATCTCAGGAAAAGGTGCCATAAAAGATCATGATGGAGAACCTACTGAAATCTGGGATTCCTTG  
 CTATCAAATGAAAATGAAGGAAGTTCTGTTTTGGTGAAGTGTGTTACTCTGAACTCGAGCAGCCCAAGG  
 ACGGTCAAGTGGCAGCTGACGACCTTGAGGAAGAAAGAGAGAAGGGTGGATTTACAGAAGATGACCTCAC  
 CACTGACCCGCTGCTCTCCAGTCCCGAGTGTATAACACCCACTGAGCCAGCAGAGCCGGCAAGAAA  
 GCAAATGAAGACAGAAACAGAAAGATAAAAAGACAACGAATAACAGAGTGTCCAGTGCCTCTGGCAGGC  
 TGATGACCTCTGAGTTTTAAAGAGATCCGGTCCACAAAAAGAAGTCCATCTGCAGCTACCTCTCACA  
 CTATTTAGGGAGTTTGAAGTCTTGACCAGAAGCAACCAGGAAGCAGAGCCTAGAGCCAGACAAGGCT  
 GATCACATAAGGGCAGCTGTTTATCAGGAGTGGTTAGAAAAAGAAAAATGTGTATTACATGAAATGCACA  
 GAATAAAAAGAAATGAAAGCGAAAACCTTGAGGATCCAAAATGAACAGAAAAAGCTGCTAAGAGAGAGGA  
 AGCCCTGGCATCATTTGAGGCTGGAAGCAATGAAAGAGAAGGAAGCAAGAGAATAGCTGCAAAAAAG  
 AGGCTGGAGGAAAAGAACAAGAAGAAAACAGAAGAAGAAATGCCATGAGGAAAGCGAGGCCCTGCAAG  
 CTTTTGAAAAATGAAAGAGAAAAAGCTAGAATACCTCAAAGAGAAGACCAGGAGGGAGAAAGAATATGA  
 AAGAGCAAAGAAACAGAAAGAAGAGGAAGCGGTTGCTGAGAAAAAGAAAGACAGTTTAACTGCTTTTGAA  
 AAATGGAGTGAGAGAAAGGAAGTCTCCTCAAGCAAAAGGAGAAGGAGAAAAATAATGAGAGAAGAAAGG  
 AAGAGCTGAAGAGAGCCGAGAAGAAAGCAAAAGCAAGCAAGCCATCAGTGAATACGAAAAGTGGCTGGA  
 AAAGAAAGAAAGGCAAGAAAGATTGAACGAAACAGAAGAAGCGCCACTCCTTCTTGAGAGCGAGACA  
 CACCCACCATGGAGTCTCCGAGCAGAAGTGCACCTCAAAGTATTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001081230
- Insert Size:** 1941 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\\_001081230.1](#), [NP\\_001074699.1](#)

**RefSeq Size:** 6218 bp

**RefSeq ORF:** 1941 bp

**Locus ID:** 213582

**UniProt ID:** [Q3TRR0](#)

**Cytogenetics:** 3 E3

**Gene Summary:** Involved in organization of the bipolar mitotic spindle. Required for bipolar spindle assembly, mitosis progression and cytokinesis. May act by stabilizing interphase microtubules (By similarity).[UniProtKB/Swiss-Prot Function]