

## Product datasheet for **MC222430**

### Map10 (NM\_028908) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Map10 (NM_028908) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map10
Synonyms:	4933403G14Rik; AI835009; mKIAA1383
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222430 representing NM\_028908  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCGACCACGGCGGCCGGGGCGCTCTTCTCGTGGAGCTGCTCGTGGACTGGGTGCGGCTGGAGACCG  
 GGCTGTCGCCGTGCGCCCGAGCCCGGCTGTGGGTTTCGCTGCTGGACTTCCCGCCGCTGCTCGTCTT  
 CCCCGCGCCGCTCCTGGCCCGAGCCACGCGGGCCCATCAGCTTCGGGCGCGGCAAGGCTGCCTA  
 CTGCGCCTGCACCCTGCCGCCCTGCGGCCCGCGCTGCGCGCAGCCCTGCTGCAACTGCCCGTGGGCC  
 CGACTTCTGCGCCCGGCTGGTGGGAGCTTGCACATCCTGCTGGTCCCCTCCCTGGCCAGCGAGGTGT  
 ATTCGCCCTGCGCGGGCCAGAGGCCGAGCGTGTGGGAGCTGGCGCTTCTATCGCTGACCGAACTG  
 GGACGCTTTCCCGGGGTTCCGAGCTGCGAGGCCCTGAGCCCTGTTGTATCCTGGACTCCGAAG  
 CCCTGGAGGTGCAGAGCCAAGAACCAGGAGACCTCGAAGCCATGCACCAAAGGCATCTCTGCCAGATG  
 TCTACAGTGTGTCTCAAATGCACGCCTTCTGGAGGGCTCAGAGCCATGTGCCAAGGATACCAACAGCTGG  
 TCTGCAGGGGACTCAGACGCCTCAGTTGTCCAGAAGTCTGGGAAGAAGCGGTCTTACACAGTAAGGCTA  
 GCTCTGGGGACATGGCTTCTGCCCTTGTTCACCCGCTCCAGTGGGAAAAGTGTGAGTTCTGTCAGTCA  
 GGATGTCACAGAAGTGGACTTTGAAACCAACACATTTTGCCTCCTCCACTGTATTACACTCACCTGACT  
 CAGGAAAAGACTCCTTACGCCAGGGTTGAAATCACTATTGAGCCTCAGAGAAATGAACCTGAGGATCTAG  
 ATGACATTTTTCCCGAAACAAAAGTCTGTAAGTCTCCCTTAAGGCCAGTGAACATACAAGAGCTGCAGT  
 GCAGGAGAGCCCTCCTGTGCTTCCAAATCTTCTCAGACTCAGGGTCCAGGAGAAGCGAAGCTCCG  
 TGTCTCCTCAGATTGAACAAAGTCCAGTCAATGCTATAAGACAGCTGCCACTATTGAATGCTTTATTGA  
 TTGAGTGTCCTTGTGTGCAACCCGCGTGGCAAGCCCAAGTGCATCCCAATTTAGCTGGTT  
 GTACAGAGGTGAAGACAAGGGGCCAGACCCTTCCACCAAGTCCACATCCCGTCCGAATCAAAGGCAAC  
 AAGCTTTCTGTGCGAGAAAATGAAAAGTTGGTGAATCCCCAGTCTAAAAAGAACCTAAAGGAAAACATC  
 CAAAGATCGGTGGCAGCCCCCAACAAAGTTACAAAGGGGAGGCTGCTGTATGGCTTAACAAATACACT  
 GAGACTGCGTTTACAGCAGACAAAACCAACATGCTGGTTGTACATGAAAAGAGAGAAGTACAGGAGG  
 TCACAGATAAAGCTGTGGGGCCAAAGTTGCGAATCCCCCTCCTGGAAAGGGAAGGTGTCAAGCTCAGCAG  
 CAGAAAGCCAGATGTACCACAGCTGCCCGCAGATACCAACAGACTCTAATGGGAAAACCTAACAGCTT  
 GGCAGTCAAAGCCAGTGTCCACCACAGCTGCCCGGGGATGAATCTTTAGACTCCATTGGGTCTTTTGAG  
 GAAGGTAGTGATACTTCAATGCAATCAGGGCAGGCTTTGATGAGTCAAGCACAAGTAAAGAAAGTGAAC  
 AGAGCCATGCCATGAAACAAGAAATGGTTGACCAGAGTGAACAGAACCATTTGCACTGCTCTGAGAGC  
 ACCCGTGAAGCCCTGCAGGCTCTGTACCCCAAGAAAGATCTCTTCGATCAAATAGTTTCGGGGGAAACTGG  
 AAAACAAAAGTCCAAGCCAGGGCTTTCCCTACAGGAACCTACTGTTGACAAAAGTGTGGATGAGGGGA  
 AAGATGGTAGGCAAGTCAAAGCCATAAGTGTGCTGATACAAGTGAAGTAAAGTAAAGTAAAGTAAAGT  
 TTCATGCGAGAGCATCTCAGAACTACTGTATCGGGATGGGTTACCAGCCCTTGTATTCTGAAGATTTT  
 TGCACAACTGAGAATAACAGCAGAAGTCTGCCGGCTCCCGACAGCAGCACAGGGGTAGAACATGTGCAA  
 AGGGTTCACGGGCAAGCAAGTCAAGTGAAGCAAGGCTGTCCACAAGGAAAAACAGCAGTACTCGAGTTC  
 TGTGCTACCCCTCCCTTTTCTGCTGGCTCACCAGTGTGTTCTCATAAAAGATCCCGTGCAGTGAAGATT  
 CATGATAGTCTGGAGGAAGCATCCAGTCTCTACCAGTACTTTTCATCACAGTGGACAATGAAAAGG  
 AAAACCAGGCAGATCCAGGTAGTTCAAAGTCAAGTGAAGAAAGGACGGGACAGCTCCACTAAAAGTAAAGT  
 AAGAGCTGGTCAAGTCACTGAGAAGAGCCAGTCAACCAAGGACATCTCAAGTGAAGTCTTACGAGCCA  
 TCAAATTTGTCTGAGCTAGAAGTCAAGGCCATAGATGACAGTACTTAGCTGATTCCAAGAAAGAAAG  
 ATGGCCTTGGTTTATTGCGCATCTCCAGACAGTCAAAGACATCTGCGAGTTAGTAATAAATAAACTTCC  
 AGGATACACAGTGTGA

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_028908

<b>Insert Size:</b>	2676 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_028908.3</a> , <a href="#">NP_083184.1</a>
<b>RefSeq Size:</b>	3548 bp
<b>RefSeq ORF:</b>	2676 bp
<b>Locus ID:</b>	74393
<b>UniProt ID:</b>	<a href="#">Q8BJS7</a>
<b>Cytogenetics:</b>	8 E2
<b>Gene Summary:</b>	Microtubule-associated protein (MAP) that plays a role in the regulation of cell division; promotes microtubule stability and participates in the organization of the spindle midzone and normal progress of cytokinesis.[UniProtKB/Swiss-Prot Function]