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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC220115 representing NM_001081230
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCGATGAAATCTTCAGCACAACTTTGGCGTACACCAAGAGTCCAAAGGCTACCAAGAGAACTTCCT
TTCAGGATGAGCTGATCAGAGCCATTACAGCCCGGTCAGCCAGGCAGAGAAGTTCCGAATACTCCGATGA
CTTTGACAGTGACGAGATTGTTTCTTTAGGTGAATTTTCAGATACCTCGACAGATGAAAGTCTAGTTAGA
AAAAAGATGAATGATTTTCATATATCCGACGATGAGGAAAAAAATTCTCCAAGACTGTCTTTTTTGAAAA
CCAAGAAAGTAAACAGGGCAATATCCAACGATGCTCTGGACTCCAGCACTCCGGGCAGCGAAGGCTCGTC
ACCGGATGCTCAAGAAGATGTGACTGGAGATTCCCTCCCCAAATCTCAAAATGATGATCGAGAAGTCGGC
AGAGAGATCATCACAGTGAAGCCTACACCCAGGATGCACCCCGTCAAAAGAAGCACGTCCTCGGGGGAAA
CCAGCAGCGGTCTTGATGCAGATGGCCACTTTAAGCCTTCACCCCAGCCAAGGAGCATGTTAAAAAAGAG
CAGCCACACTGAGGAGGGAGTCAGACCAGGAGTTGATAAAGAACATTCCATAAGCGAAGCCTCTGCTCCC
ACACCTTCCCTTCCAAGGCAGAATGGCACAGAGTTGCAAACTGAGGAAAAAATATACTCGGAAAACCTCG
ATCTTGAGGACTCACTCTTACAAAGTCTGACCTCATCTTCCTTCAAAGAAAGCCCCGGAGGTTGCACATC
ACCAGGATCTCAGGAAAAGGTGCCCATAAAAGATCATGATGGAGAACCTACTGAAATCTGGGATTCCTTG
CTATCAAATGAAAATGAAGGAAGTTCTGTTTTGGTGAACTGTGTTACTCCTGAACTCGAGCAGCCCAAGG
ACGGTCAGGTGGCAGCTGACGACCTTGAGGAAGAAAGAGAGAAGGGTGGATTTACAGAAGATGACCTCAC
CACTGACCCGCTGCTCTCCACGTCCCCGAGTGTCATAACACCCACTGAGCCAGCAGAGCCGGCCAAGAAA
GCAAATGAAGACAGAAACACGAAGAATAAAAAGACAACGAATAACAGAGTGTCCAGTGCCTCTGGCAGGC
TGATGACCTCTGAGTTTTTAAAGAGATCCGGTCCCACAAAAAGAAGTCCATCTGCAGCTACCTCCTCACA
CTATTTAGGGAGTTTGAAAGTCTTGGACCAGAAGCAACCACGGAAGCAGAGCCTAGAGCCAGACAAGGCT
GATCACATAAGGGCAGCTGTTTATCAGGAGTGGTTAGAAAAGAAAAATGTGTATTTACATGAAATGCACA
GAATAAAAAGAATTGAAAGCGAAAACTTGAGGATCCAAAATGAACAGAAAAAAGCTGCTAAGAGAGAGGA
AGCCCTGGCATCATTTGAGGCCTGGAAGGCAATGAAAGAGAAGGAAGCAAAGAGAATAGCTGCAAAAAAG
AGGCTGGAGGAAAAGAACAAGAAGAAAACAGAAGAAGAAAATGCCATGAGGAAAGGCGAGGCCCTGCAAG
CATTTGAAAAATGGAAAGAGAAAAAGCTAGAATACCTCAAAGAGAAGACCAGGAGGGAGAAAGAATATGA
AAGAGCAAAGAAACAGAAAGAAGAGGAAGCGGTTGCTGAGAAAAAGAAAGACAGTTTAACTGCTTTTGAA
AAATGGAGTGAGAGAAAGGAAGCTCTCCTCAAGCAAAAGGAGAAGGAGAAAATAAATGAGAGAAGAAAGG
AAGAGCTGAAGAGAGCCGAGAAGAAAGACAAAGACAAGCAAGCCATCAGTGAATACGAAAAGTGGCTGGA
AAAGAAAGAAAGGCAAGAAAGAATTGAACGGAAACAGAAGAAGCGCCACTCCTTCCTTGAGAGCGAGACA
CACCCACCATGGAGTCCTCCGAGCAGAACTGCGCCCTCAAAAGTATTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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).

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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]

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