

Product datasheet for **RN206924**

Map6 (NM_017204) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map6 (NM_017204) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map6
Synonyms:	Mtap6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206924 representing NM_017204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTGGCCGTGCATCACTAGGGCCTGCTGCATCGCCCGTTCTGGAACCAGTGGACAAGGCGGACA
 TTGCGGTGCCGCTGGTTTTACCAAGTACTCGGAGGCCACCGAACATCCAGGCGCCCTCCGAGCCACC
 AGCGCCGCCGAGCCCGGTTAGCGCCCCCTCGCGTGTGTGCGCATAGAGACGACGCCAGCCAGGGGA
 GAGTGGATGCAGTTGCCCGGGCAACAGGGCCGGCACCCGGGCCAGCGGTGACCGCGAGACTGCAGCCG
 CCCCCGGCCGAGCGGGCTGGGCTTGGGCGCGGCTCCGGCTCCACTTCCGGCTCAGGCCGGGGACTC
 GGTGATGCACAGGACTACCGTGCCTGGAAGGTGCAGCGGCCGAGCCAGCTGCCGGCCGGAAGCGAG
 TACCAGCCGTCGACGCGCCCTTCGAGCGGAGACCCAGTACCAGAAGGACTTCCGCGCTGGCCACTGC
 CCCGCCGGGGACCACCCCTGGATCCCAAGCCCGTGCAGATCCCTGCGACTTCGACGCTTCCCCGCC
 TGTTCTCGGGATGCCAAGCGTCGGCCTCAAAGCCAAGAGCGCGGCCCATACAACCTTCTGCTGATGCC
 CGGGACCCGGAGGGTGTGGAGGAGCCGGGTGCCGGCGCCGAAAGGGTCCGGTGCAGACCAGCGTG
 ACACACGCCGGAAGGCAGGGCCAGCATGGATGGTACTCGCACCGAAGGGCACGAGGAGAAGCCTCTGCC
 CCCGGCCAGTCCAGACCCAGGAAGGCGGTCTGCAGCTGAAAAGGCGTCCGGTGCAGATCAGCGTGAC
 ACACGCCGGAAGGCGGGACCCGCGTGGATGGTACTCGCACCGAAGGGCACGAGGAGAAGCCTCTGCCCC
 CGGCCAGTCCCAGACCCAGGAAGGCGGTCTGCAGCTGAAAAGGCGTCCGGTGCAGATCAGCGTGACAC
 ACGCCGGAAGGCGGGACCCGCGTGGATGGTACTCGCACCGAAGGGCACGAAGAGACGCCCTCTGCCACCC
 GCCCAGTCCCAGACCCAGGAGGGCGGCCCTGCCGCTGAAAAGGCGTCCGGTGCAGATCAGCGTGACAC
 GCCGGAAGGCGGGACCCGCGTGGATGGTACTCGCACCGAAGGGCACGAAGAGACGCCCTGCCACCCGC
 CCAGTCCCAGACCCAGGAGGGCGGCCCTGCCGCTGAAAAGGCATCTGGTGCAGATGAACGCGACACGAGG
 AGGAAGGCGGGCCGCGCTGGATGGTGCCTCGCTCCGAGGGGCACGAGCAGACCGCTGCCCATGCC
 AAGGCACAGGGCCGAAGGAGGCAAGGGCGCGCGGTGGCTGATGCCCTCAACAGGCAAATTCGGGAGGA
 GGTGACGAGTACAGTAAGCAGCTCTACAGGAACGAATTCAGAGCGTGGACAGACATCAAGCCTGTGAAA
 CCAATCAAAGCCAAGCCCCAGTACAAGCCCCAGATGACAAGATGGTTCACGAAACCAGCTACAGTGCCC
 AGTTCAAAGGGGAGGCCAGTAAGCCACCACAGCGGACAACAAGGTCTGGATCGCAGAAGAATACGAAG
 CCTCTACAGTGAACCTTCAAGGAATCCCCGAAGGTGGAGAACTAGTGTTCAGAGTTCAAAACAAAA
 AAGACCTCAACGAGCCAGAAGCCCTGAGGAAGGCCAAAGACAAGCAGGTGGCGTGGGCCAGGCCGCCA
 AGAAAAAGACCACAGAGAGCCCCAGTGCCACCAAACCTGACGACAAGGAGCAAAGCAAAGAGATGAACAA
 TAAACTGGCTGAGGCGAAAGAGAGCCGGGTCAAACCCACCAGTGATAAGAATCAAGGTCTGTAGCCAAA
 GAGCCACACAAGGATCAAGGTCTGTGGCCCCAGGTCTTCCGAAAAGGCCAAGGTCTGCGGTCCAAGAGC
 CTTTGAAGGATCAAGGCCCATGGTGCCAGGACTGCCAAAGGACCAAGCCCTGTAGTCCCAGGGTCCTT
 AAAGGGTCAAAGCCCTACAGCCCCAGGCCGCCAAAGGATCAAGGTGCTGTGCTCTTAGGGCCATGAAG
 GATCTAGTCCAGTGGCCCCAGCATCCGTCAAGGATCAAGACCATATGGCGTCTGAGCTTCTAAAGAATA
 AAGATTCTGTCCCTTAGCACAGCCAAAGCCAAAGCCCTCTGTTGCCAGAGCCTCTGAAGAATCAGAG
 TCCTGTGGTCCAGCAAGAGCTAAGGATCAAAGCTTCCCAGCACCAGCACCAACCTCTGAAGGACCCA
 GGTCTGTGATCCCTGAGCCTGAGAAAGATGGAGCTCCCATGGTCCCAGAGCGTAGGAAGGACCAGAATG
 CCTCCATCATGGCATCTCTGAAGAACGAAGCTCCTGTGGCCTCTGAGTCTGTGAAGAATCAAGGCTTAGG
 AGGCCAGAGCCAGCCAAAGACACAGGTACGGATCTGAAAGGACATGGTTCTGTGTTGTAGCACCTGTG
 AAGAGCCAAGGTCCAGTGGTCTCTGAGCCAACCTAAGGGCCAAGACCCCATATCCCAGCACTAGCCAAGG
 ACCAAGGTCCCATACTCCAGAGCCTCAAAGAATCAAGGACCCCTGTGGTCTTGGGCTATAAAGAA
 TCAAGACCCTGTAATCCAGTACCTCTGAAGGTCCAGGATCCCGTGGTCCAGCCCCAACCAAGGACCCA
 GGTCTACAGCCCTGACCTCTGAAGTCTCAAGGTCCCAGAGGCCCTCAACTGCCACGGTCTCACCTT
 CACCCCAAGTATGATCCCAACAGTCCCCATGCGGAATATATTGAGGGATCCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_017204
Insert Size:	2859 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:	<ol style="list-style-type: none">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_017204.1 , NP_058900.1
RefSeq Size:	3581 bp
RefSeq ORF:	2859 bp
Locus ID:	29457
UniProt ID:	Q63560
Cytogenetics:	1q32
Gene Summary:	neuronal calmodulin- and microtubule-binding protein; mediates microtubule stabilization in neurons and neurite formation [RGD, Feb 2006]