

Product datasheet for **RN217043**

Map7 (NM_001198638) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map7 (NM_001198638) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map7
Synonyms:	Mtap7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217043 representing NM_001198638
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGCAGGGAGCTGGAGGCGACGGCCACAGGGGTGGCAGCGGCTACGCAGAGCGACCCAGCGT
 CTGATGGCTATAAAATACAAGGAAAGAGACCTGCCCCAGCCGCCCTACTTCCACACTTTCAGGACAAAC
 GAGCAACCACTCAGGAAATAAACAGATCCCCACCTGTGCTACGGTTGATGACCGGCAGCGTCTGGCC
 AGAGAACGCCGTGAGAACGAGAAAAACAGCTAGCTGCACGAGAAACCGTCTGGCTAGAGAGAGAAGAGC
 GAGCCCGCAGCACTATGAGAGGCACCTGGAGGCACGGAAGAAGAAGCTGGAGGACCAGCGGCTGAAGGA
 GGAGCGGAGGAGCTGCGGTGGAGGAGAAGCGGAGACAGAGGCTGGAGGAGGACAAGGAGCGCCATGAA
 GCTGTTGTTGCGCGGACGATGAAAGGAGCCAGAAGCCGAAGCAGAAGTATAACCGGTGGTCTGGGGAA
 GCCCTCTCCACGGGAGCTCTAGCATTACAGTGGAGCATCTTGCAGCCCCATACCACGCCCTTCAAAC
 TGCACACTCTAGAAACCCAGTGGATCGACAAAACCTTTATAACGCCGCCGAGGGCTCTGCTCGGAGG
 AGGACCATTACGGGATATCGAGCTATAAAGAGAACGAGAACACATTCCCTTCCAGTTTCCCCTGGTG
 TCCGAAGGACTCTGTCTCCATCTAATCTCAAGGCGAGATCCCCAGCTCCAGCCCGCTTTGGCCCCATC
 CAAGTCCATGCCTCATCTGCCCGGACACCCCGACCGGCATCCTCCTGACTCCTGGCCCCGTGAGAGCT
 GCTGCTTCTTCTCGTCTCCTGGCAACATCCGCCCTGTCAAGAGAGAAGTAAAGTGGAGCCTGAGAAAA
 AAGACCCCGAGAAGAAAGTGACCAATGACCCACAATAAAGGGCAGGGTGCCTTAGTGAAGGTGGAGGA
 GGGCACAGTTGAAGAGGGGACACCCGTGAAGCCACCTGACCTGCTGTTCCAGCCCCACTCCAGCGAGC
 GACCCAGCCCCAGCACCATCACCATCCTCTGTGAGTGTGCGTGAATTCCTAAGACTCTGCAGGCA
 CCAGTACCCAGAAGAGGCTACGAGGCTGCTGGCTGAGAAGAGGGCTAGCCAGAGAGCAAAGGGAGAA
 GGAAGAAAGGGAGAGGAAGGAGAAGGAAGAGCTGGAGAGACAAAAGATAGAGGAATTGGCCGAAGGGTG
 GCTGAAGAGCGAAGTTCGAGGGAAGAGGAAGCGCGCAGGCTGGAAGCTGAGCAGGCGCGCAAGAGAGAGG
 AGCTGGCGCTGCGTCTGGCTGAAGAGGAGCGGGAGCGGTGGGAGAGGGAGGAGGTGGAGCGGCACAGAA
 GCAGAAAGAAGAAGAAGCCCGAGCCGGGAGGAGGAGGAGGAGGCTGGCAGGAACGAGAGAAACATTTT
 CAGAAAGAAGAGCAGGAGCGCTGGAGAGGAAGAAGCGACTTGAAGAGATCATGAGAAGAACCAGAAGGA
 CAGAGACAGCGGATAAGAAAACCACTGGGCAAAGCAATGGCGACATGGTCAAAGGAGTTCTCGCCGAGA
 GACAGAGGTATCTGCCCTGCCAGGTGTAACTCTCCAGGACATGTCGAGTCTGCAGGCAGCACACATGGA
 GTGGCTTTCAGCAATCAAAGTACCATAGAGAGTTCTCCAGATTTGGAGAAGCAGCAATGAAAATG
 GAATGTCCACACAAAATGAAAATTTGAAGAAATTATAAACTTACCTGTTGGATCAAAGCATCCAGATT
 AGACGTCTCCAATGAGAACCAGAAATCCCTTGAACCAATTTTGGCCTTAATGATGAAGGGACACTT
 GGGCCCTACCTCAGGTGGATGGTGTGCAGACACAACAGACCACAGAAGTTATATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001198638

Insert Size: 1947 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001198638.1, NP_001185567.1</u>
RefSeq Size:	3564 bp
RefSeq ORF:	1947 bp
Locus ID:	293016
Cytogenetics:	1p12