

Product datasheet for **RN205322**

Map7 (NM_001106270) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map7 (NM_001106270) 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: >RN205322 representing NM_001106270
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGGATCAGCCACAGCTATCCGACAAGAGAGATTGAAGACGACCCACTCGAGGACTATCCCCTCG
 TTCTGTTCAACATTAATGAGGAAGATGAGCTGCAAAAAGAAATGAAATTCAGAAGACCCAAAGCGTCTGA
 TGGCTATAAAATACAAGGAAAGAGACTGCCCCAGCCGCTACTTCCACACTTTCAGGACAAACGAGC
 AACCACTCAGGAAATAAACAGATCCCCACCTGTGCTACGGGTTGATGACCGGCAGCGTCTGGCCAGAG
 AACGCCGTGAGGAACGAGAAAAACAGCTAGCTGCACGAGAAACCGTCTGGCTAGAGAGAGAAGAGCGAGC
 CCGGCAGCACTATGAGAGGCACCTGGAGGCACGGAAGAAGAAGCTGGAGGACCAGCGCTGAAGGAGGAG
 CGGAGGAGAGCTGCGGTGGAGGAGAAGCGGAGACAGAGGCTGGAGGAGGACAAGGAGCGCCATGAAGCTG
 TTGTTCCGGCGGACGATGAAAGGAGCCAGAAGCCGAAGCAGAAGTATAACCGGTGGTCTGGGGAAGCCC
 TCTCCACGGGAGCTCTAGCATTACAGTGGAGATCCAGACAGCGGTCAGTTTCCACCATGAATCTTTTCG
 AAACATGTCGATCCTGTCAATAGCAAGCGGCTCTCGTCCCTCATCTGCAACTTTGCTAAACTCTCCAGATA
 GAGCTCGCCGCTGCAGCTCAGCCCTGGGAGAGCAGCGTTGTTAGCAGACTTCTGACGCCACACATTC
 GTTCTGGCCAGAAGCAAAGCAGCGCCGCTTGTCTGGAGACACAGCATCTTGCAGCCCATCACCACG
 CCCTTCAAACACTGCACACTCTAGAAACCGAGTGGATCGACAAAACCTCTTTATAACGCCGCCGAGGGCT
 CTGCTCGGAGGAGGACATTACGGGATATCGAGCTATAAAAGAGAACGAGAACACATTCCTTCCACGT
 TTCCCCTGGTGTCCGAAGGACTGTCTCCATCTAATCTCAAGGGCAGATCCCCAGCTCCAGCCCGCCTT
 TGGCCCCATCCAAGTCCATGCCTCATCTGCCCGGACACCCCGACCGGCATCCTCTTGACTCCTGGCC
 CCGTCAGAGCTGCTCTTCTCCTCGTCTCCTGGCAACATCCGCCCTGTCAAGAGAGAAGTAAAGTGA
 GCCTGAGAAAAAAGACCCCGAGAAGAAAGTGACCAATGACCCCAATAAAGGGCAGGGTGCCATTAGTG
 AAGGTGGAGGAGGGCACAGTTGAAGAGGGGACACCCGTGAAGCCACCTGACCCTGGTAAGAAATGGACCAG
 CTGCTGTTCCAGCCCCACTCCAGCGACGGACCCAGCCAGCACCACCATCACCATCCTCTGTGAGTGT
 CGGTGTAATTCCTAAGACTTCTGCAGGCACCACTGACCCAGAAGAGGCTACGAGGCTGCTGGCTGAGAAG
 AGGCGTCTAGCCAGAGAGCAAAGGGAGAAGGAAGAAAGGGAGAGGAAGGAGAAGGAAGAGCTGGAGAGAC
 AAAAGATAGAGGAATTGGCGCAAGGGTGGCTGAAGAGCGAAGTGCAGGGAAGAGGAAGCGCGCAGGCT
 GGAAGCTGAGCAGGCGCGCAAGAGAGAGGAGCTGGCGTGCCTGGCTGAAGAGGAGCGGGAGCGGTGG
 GAGAGGGAGGAGTGGAGCGCGCACAGAAGCAGAAAGAAGAAGGCCGAGCCCGGAGGAGGCAGAGA
 AGGCTCGGCAGGAACGAGAGAAACATTTTCAGAAAGAAGAGCAGGAGCGCCTGGAGAGGAAGAAGCGACT
 TGAAGAGATCATGAGAAGAACGAGAAGGACAGAGACAGCGGATAAGAAAACCACTGGGCAAAGCAATGGC
 GACATGGTCAAAGGAGTTCTCGCCGGAGAGACAGAGGTATCTGCCCTGCCAGGTGTGAACCTCCAGGAC
 ATGTCGAGTCTGCAGGCAGCACACATGGAGTGGCTTTGCAGCAATCAAAAGTGACCATAGAGAGTTCTCC
 AGATTTGGAGAAGCAGCCAAATGAAAATGGAATGTCCACACAAAATGAAAATTTGAAGAAATTATAAAC
 TTACCTGTTGGATCAAAGCATCCAGATTAGACGTCTCCAATGAGAACCCAGAAATTCCTTGAACCAA
 TTTTGGCCTTTAATGATGAAGGGACACTTGGGCCCTACCTCAGGTGGATGGTGTGCAGACACAACAGAC
 CACAGAAGTTATATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106270
Insert Size: 2256 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:	<u>NM_001106270.2</u> , <u>NP_001099740.2</u>
RefSeq Size:	4038 bp
RefSeq ORF:	2256 bp
Locus ID:	293016
Cytogenetics:	1p12