

Product datasheet for **MC222356**

Map7d3 (NM_177293) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map7d3 (NM_177293) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map7d3
Synonyms:	4933424A10Rik; Map7d3; Mtap7d3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222356 representing NM_177293
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGACCCCACTTTTGTCTACCAGTAGCAGCACATCTTCCGGGGCTACACGAACGCTTGGTTG
 CCATGACTCAAGAAGCTGCTGAAGAAAGCGACATAAACGTGGTATTAATTCTTCTGAGGTGCAACAA
 GAGATCGTCAAGTACACCAGATGGTTCTGTCTTAAAAATGATGTCAAACAGCAGCTAGCCAAAAGACGC
 AGAGAACAACAGAAACGTCAGCAAGAAGCCAACAAGGAAAAACAAGTCTTGAGAAAAGACAGAAGGCGA
 AGCTGCAGTATGAAAAGCAATTGGAAGAAAAACACCGTAAACTGAAGGAACAAAAAGAAAGGACCAGCG
 ACGACAAGCATCTGCAGAAGAAAAAGAAAAACAGAAGCAGGCAGAAGATACAGAAAAATTAAGGCTGTT
 GTGTCTCGTACATTGGAGCGATGCAATCGTATTGATCAACGACAGAAAAGGTGGTCTGGGAGGGTGGT
 TGATGAATGCTGACAAGTCTGAAAAGTGGAAAAATAACGAAGTTCCTCTCTGAGTAGAAAAGACAACCG
 GTTACATCCCAGAGGTGATATGCAACACGTGGACAACACACCTGGCATGACCAAAATATGTTTTCCGATAT
 GTTACTGCACCAGTGTTCCTAGTGATGAGATAAAGTCTTCTGCTATGTTCTGTAACCATCAGCAAAAA
 CGCCAGTTGCAGCAAAATTAGAAAAATAACTACAAAGAACTAGACGCTTCTCTCAGGGGGCATGTGGA
 AGGACTCTCAATGATGAATATAGAAATCCCACCAAAATAACAATTGAAGTCCCCTCTCCACCAAAGCTG
 GAAGAATCATCTGAGGCTGATGCAGAAGTAAGACTCCAACCATGGACGACATCTCTAAAGTTAAAGAGG
 ACGCCTCCCAGAAGGTGGATATCAAAGTACCTACTGATGAGAACATAGCAAGACACCCAAAACCAATGT
 TGAAGAAGTCTCCCAGTGAAGTGGATACCTCTCAAGTGTGAACTATCCTCCATAGTGAAGTGTCAAC
 TCATCCCCCTCGCTGAGTACAGGATCATCTCCTTTGGGAGTGTAGAAAATATCCTCTGTTGTCAGCATAG
 ATGCCTCACTTGAACAAACATAGATACCTCACCTGAATTAAGTATGGACTCAGGGAATACGAAAGTGGC
 CTCAGAAATTAACAGAAAGCACCTCTTCAGGCCAGGGGGAGTACGCCTTGAAGCAAGTGTGGAAGGA
 CAACCTGAGGCAATGTTGAAGGATCACAAAGAACCCAGAAATAGACAAAAGAAACATAAACCTTACCA
 CCAAGAAACAACCGCTGTGCCACATACCATGTTACAGATGGCCATCATCTCTGCCCTTGGGTGTCGCC
 ACCTTCTCCCTTAAAGGCTCTGCAGACTCGAAAGATACGACCTCCATCTCTATACCAAGTCTCATAAAA
 TTATCAACAAAGACTTCTTTGTCATATAAAATAACCCAGTTCAGAAATGCTCTATATGTGCCAAATTCAT
 TAGGTGTAATAGCAACCAAAAAGGAAACCATCCAAAAGTATCCAATCAAAAAAGAAATTTGGTAATAGAAG
 TATGCCAAGTGTGAAGCAATCAAGAAAGCTTTTATACAGATACGCCATGCTGCTTATGAGCAAAGCAA
 AACGAGAAAGAAAGACTCCAGAAAGAAGAGACAAAGCAAAGAATTGCTCGGAAACCAGAAATATGGCAG
 AGAAACTGGATAAAGTCCCAGCAGAAGTTCCTTCCATGCCAAGATGAGCAGCAAGACAAAAATCCAAC
 AAAGACATTTCTTGAGTACCAGAAGTTCAGAAGGCAGAGTTACAGAAAGGGGACAGTGCCATGATGAAA
 TCTCGGGACAGTGTGAACAGAGAAAGAAAGAACAGGAAAACATCCTCCAACATTGGCAAGAAAGATTAG
 AAAGGAGAAAGGCTTCAGAAATATCTTTTTTATCCGAAGATGAAGCTGATGATGAAGGTGAAAGTGAAGA
 CTCTCTTGAGATATTTCCATCAGGAGGAAAAATGTTATCTATGAAACTCAAAAAGTTTCACAAATATGCC
 AAGACGAAGCCTCAAAGCTCGTGTTTTGCAGTCGGAACTGATGAGGTTGATACCAACAAAAATGAT
 ATTTAATGGGGACATGAAAGCTGTCAAACAAAAAGACCCCAAAATTTCTATGATTCAAGGAAAAGGCTC
 AAAGTTATCAGCTAAAAAACCACTACCCGCCAATAAGAAGCAGAAAAACAAGGAAGGCAGCACTGCC
 ATCCGTCCTACTCAAAGTGCCAGCAGCAATCCCAATCACAAGTGGGTTTGTGACAAGGTTATAGACTTTA
 ATCAGACACCTTTTCTAAAGACCACTCTAACAAAGAGCAACAAAGAAAGTCCAGCGGATTCTAAAATAGC
 TTGCCAAGGCTCTCAGGCACATTTGGACCATAGGAAAAGAACCAAGTCTGTTTCTGTCCCTTTGACCAAT
 GTTTTGTCCACCTCCACATAACTGGAAGAGCATCTAATCTTGAACATCCCTTTGCTTCTGTCTATTCCA
 GACTGGCATTGGAAAAGAGGCAGAAGAGAGTGTGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177293
Insert Size: 2631 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_177293.3 , NP_796267.2
RefSeq Size:	2795 bp
RefSeq ORF:	2631 bp
Locus ID:	320923
UniProt ID:	A2AEY4
Cytogenetics:	X A6
Gene Summary:	Promotes the assembly and stability of microtubules.[UniProtKB/Swiss-Prot Function]