

Product datasheet for **MC221581**

Map7d2 (NM_001081124) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map7d2 (NM_001081124) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map7d2
Synonyms:	1600028E09Rik; 2900002G04Rik; 5330432J06Rik; C030036K04Rik; Mtap7d2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221581 representing NM_001081124
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGCAGCGGTGGGAACGGCGCGCGCGCGGTGGCGCGCGCGCGCGCGCGCGGTACGGCGGCA
 GCGGTGGCGGTGGCGGAGGAGCCGAGTCCCCTCGGAAGGGGCTGCCAAGGGCTTGTCGCTGCTGGC
 CAAGTCCGCGGAAGCGGCTCCGGGAGAGCCTCCAGTCCACCCCGCGTCCGCAGGAATGGATGGATT
 TTTAAATCAGATGAGAGACAAAGATTAGCCAAAGAGAGACGAGAAGAAAGAGAAAAATGTCTGGTGCTC
 GGGAAACACAGATCTTAGAGAAACAGAAGAGAGCCAAGCTTCAGTATGAGAAACAAATTGAGGAGCGATG
 GAGAAACTTGAGGAGCAGCGCCAACGGGAGGATCAGAAGAGGGCAGCAGTGGAAGAGAAGGGAAGCAG
 AAGCTCCGGGAAGAAGAGGAGCGCCTGGAAGCAATGATGCGCCGGTCCCTGGAGCGTACACAACAGCTAG
 AGCTGAAGAAGAAGTGTCTATGGGAGGATCACCAGGGCCTGGCGGACGTGATGGTGAATCAGAAAAAC
 CCCACCCCTTCTCTAACTTTAGCAACCAGCACCCCCCTTTGGACACAGGGACCACTACAGCTGCTGCC
 GAGTCCACCAACGCATGTGACAACTTTCAACATCAACCATGAATTTGCCAAAGCAGACGGAGTCTCCTA
 TGAGTAAACACCTGTCTTCATCCACCGTGGCAATATCTTATCCCGAGCCGAGCTCTCGGGAGCCCTCT
 CAAATCTTCATACAAGTCTCTCCAACCCGACCACTGAGAAAAAGAAGAATACACCTATATCTGCCATG
 GGAGATGCTGGGAAGGGAGCCATGGCTGGAGGAGAGCCTTCACAGATGGAGAAAAAGGAAGGGGCGAG
 TGGCAACTTCTGCTGCTTCTGGGGTCTATGGGTCCCCACTGAGAAGATGCGAGCCTCTGAAGATATTT
 CAAGAGTTGTCTTCTCTGTGAAATCCAAGATAACTTCAAAAACATATCCACAGTCGCCAAGACAGCG
 AAGCCACATACTTAGGGTCTCTGTGAAGTATTACTTTCCACCCATTGCAAACGAAGAAACACCAAGA
 AGAAGGCAGAGAAGGAGAAGAGAAATAAGGAAAAGGAAGGTGCCCTGGTCAGCAGAGCACTGTCTACC
 TAGAGAAGAAAGCCTAGAGAAGCGCATGGCTGACAAGTATGCCACCGAGAAGTATGTAGCAGATAAGCAT
 GCAACTGAGAAACATTCTGCCCTGGAGGAAAGGCTGAGCACAGTGCAGGAAAACCCACAGCAGGACCA
 CTGATGCAGGAGAGGCTGCAAAGATCTAGCTGAAAAGAGACGTCAGGCTCGGCTACAGAAGGAACAAGA
 GGAGCAAGAGCGACTGGAAGGAAGAACGAGAAGGCTGGAAGAGAGGAATTGAAAAGAAAGGCAGAA
 GAGGAAAGGCTGCGCATAGAAATGGCCTATAAACGAGAACAGGAAAAAAGCGGCAGGAGGAAGAAGAGA
 AAAGAAAAGCAGAAGAGAAGGCAAAAGAGAAGGCTGAGGAGGAGCTTTGTCAAAGAGAAGCAAGAAAA
 GGAAGAAACAAGAAAGAAAAGGAAAAGCCATGATTGAAAACAGAAAGAACAGCAGAGAAGCAAAAG
 GCGCAGGATGCTGCTAACAGATGCGTTTAGAAAGAGAACAGATCATGCTGCAGATTGAGCAGGAACGAC
 TGGAGAGGAAGAAGAGAATAGATGAAATCATGAAGAGAACAAAGGAAGAGTATGCGTCTCTAGAAGTGAA
 GAAGGAAGACCCCAAAGTGGAGCTGCAGCTCCTCCAGATGTTGAAAATAAAGCAAAACAAAGCAAAGCCA
 GTTGTCCCAACAAGATCGAAATCAATGTGTTGAACACCTGCCAGAAAGTAAGTGGCTCAGAGCGTGCTG
 CTCCAGAAACCTTTCCCAAGACATTTCTCTACTGGCCTTAACCAAGTTGGGGGACCTGTTTCATCTGGA
 TGTCTTGATGGGAAATCAAACAGTCTGGATGACTCAACTGAAGACGTTCACTCTATGGATGTGAGTCT
 GTTTCAAAGAAGAACTTATCTCCATCCAGAGTTTTACCAGTGAGTGAAATGATTCTGGGATGTCTC
 TGGACCAAAATGGAAGTGGTAATGCCGGGCACCTCAAGATATCTTAGATTTCACTGGCCCTCCCGCATT
 CCCAAGAAATCCAGTGAAAACCTCAGCCTTGATGACTGTAACAAAAACCTCATCGAAGGATTTAACAGT
 CCCGGGCAAGAACTACCCTGAATACCTTCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081124
Insert Size: 2346 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081124.2, NP_001074593.1</u>
RefSeq Size:	3682 bp
RefSeq ORF:	2346 bp
Locus ID:	78283
UniProt ID:	<u>A2AG50</u>
Cytogenetics:	X F4