

Product datasheet for **RN217295**

Map7d3 (NM_001271327) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map7d3 (NM_001271327) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map7d3
Synonyms:	RGD1565514
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN217295 representing NM_001271327

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCGGACCCCACTTTTGTGCTACCACTAATGGCACATCTTTGCGGGGTCTACGTGAACGATTGGTTG
 CCGTAGCTCAAGAACTAGCTGAAGAAAGGAGACGTAAACGTGGTCTTGAGTCTTCTGCAGTTTCACTTAA
 GAAATCGTCATGTACACCTGATGGTTCTGTCTTAAAAATGATGTCAAACAGCAGCTAGCCAAGGAACGC
 AGAGAAGAACAGAAACGTGAGCAAGAGGCCAACAGGAAAAACAACCTGCTTGAGAAAGAACAGAGGCGA
 AGCTGCAGTACGAAAAACAGTTGGAAGAAAAACACCGCAAGCTGAAGGAACAAAAGGAAAGGACGAACG
 ACGACGAGCATCTGCAGAAGAAAAAGGAAACAGAGCAGGCAGAGACAAAGAAAAATTTAAGGCTGTT
 GTGTCTCGTACAATGGAGCGATGCAATCTCATTGATAAACGTGAGAAAGGTGGTGGGAGGGTAGTG
 TGATGAATACTGACAAATCTGGAACCGGAAAAATAACGAAGCTCCTCTATGAGTAGAAAAAGAAACCA
 ATTGCAGACCAGTGGTATTTGCAACATGTGAACAACAGACCAAGCATGACCAAAATATGTTTCCGCTAT
 GTTACTGTACCAATGTTTACTAGTGAAGAGCTAAAGTCTTCTGCTATGTTCTGTAACCATCAGCAAAAG
 CACCAGTTACAGCAAAATTAGAAGTAACACCCATAAAGAAAGTAGAACTCCTCTCAAGGAGATGTGGA
 AGGACCAGCAAGGTGGTGAATCTAGAAATCCCACCCAAAATAACAATTGAAGTACCCTCTCCAACGAAC
 TTGGAAGAACCCTCTGAAGGTGATGTGGAAGTAAACTCCAAACATGGAGGACATCTCTAAAGTTAAAG
 TGGAAATTTCTCCAGAGGCAGATGTCAAAGTATCTATTGATGAGAACATAGCAAGATACCTAAACCAAA
 TGTTGAAGAACTCCCTCAGTGAGTATGGATGCCTCTTCAAGTATTGAACCATCTCCACGGTGAGTGAG
 GACTCATTCCCTCCCGAGTACAGCATCATCTCCTTTGTGAGTGTGGAATATCTCCTGTTGTGAGT
 TGGATCCCTCACCTGAAACAAGCATAGATGCCTCACCTGAATCAAGTATGGACTCAGGAGTATGGAAGT
 GGCCCTTAGGAAACAATCTAGAAGCACCTTTCAGGCCAGTGAGGAATCATACTTTGATGAGAGTGTGCAA
 GAACAACCTCAGGTAAATGTTGCAGGATCACCAAGAACCAGAAATGGACAAAAGGAACGTAAACCTAA
 ACCTTACCACCAAGAAACAAGCACCATGCCACATACCATGTTACCGATGGCCATCATCTCCTGCCCTTGG
 GTGGCGCCACCTTCTCCCTTAAAGGCTCTGCAGAGTCGAAAGATACGACCTCCGCTCCTCCCTACCAGTC
 TCATCAAGATTATCAACGAAGACTTCTTTGTCATATAGAATAACCCAGTTTCAAGATATCTATATGTGC
 CAAATGCATTAGGTATAATAGCAGCAAGAAAGACAACATCCAAAGCACATGATCCAAAAGAATCTGG
 TTATAAAAGTATGCCAAGTGGTGAAGTTGCCAAGAAAGCTTTGGTACAGGTGCAGCATGTGCTTATGAA
 CAAAAGGCAAAAAGGAGAAAGAAAGAGTCCAGAAAGAAGAGATAAAGCAAAGCATTGCTAGGAAATCAG
 AAGTTATGGAGAAGAACTGAATGAAGTCCAGCAGGAGAATCCTCACCACGCAAGATGAGCAACGAGA
 AAAAGATCCAACAAGCCACTTCTTGAGTTACCAGAAGACCAGAAAGAACAGCTACAGAAAGGGGACAGC
 GCCATGATGAACCCTCACGACAGTGCTGAACAGAGAAAGAAGGAACAGGAAAGAATTATGCTACAAAATT
 GGCAAGAAAGATTAGAAAGGAAAAAGGCTTCAGAAATATCTTCTTCATCTGAGGATGACGCTGATGATGA
 AGACGAAACAGGAAGTGAAGACTCTGTTGAGATGCTTCCATCAGGAAGAAAAATGTCCATGAAACACAAA
 AAGTTTCACAAATATGCCAAGATGAAGCCTCAAAAGTTGGTGTGTTTGAAGCGGGAACCTGGTGAAGTTG
 ATACTGAGAAAAATGTATATTTTAAATGGGACGTGAAAGATGCCAAACAAAAAGATCCCAATACTCTAC
 AATTCAAGCAAAAGTCTCAAAGATATCAACTAAAGACCACCTACCCGCCAATAAGAAGCAGAAAAATA
 AAGGAAGGTGGCACCACCATCCGTCTACTCAAAGTGTCACTACCAGTCAACAGTGGTGTGATGAAGC
 TTATAGACCTTAGTCACACCACTGAATCACCTGTGCGTAAAGACCACTCCTGGTAACAACAAACAAAGTTC
 AACTGATCCTAAGATATCTACCAAGGTCTCAGGCACCTGCGGACCACAAGAAAGAGTCAAAGCTGTC
 TCTGCCCTTTAACCGAGGTTTTCTCCACCTCCACATAGCTGGAAGAGCAACTAATCTTGAACATCCCT
 TTGCTTCCAGCTATTCCAGACTGGCATTGGAGGAGAGGTAGAAGACAGTATGTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001271327

Insert Size:

2649 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:	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_001271327.1, NP_001258256.1</u>
RefSeq Size:	2867 bp
RefSeq ORF:	2649 bp
Locus ID:	317614
Cytogenetics:	Xq37