

Product datasheet for **RR211776**

Mtmr9 (NM_001005761) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtmr9 (NM_001005761) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mtmr9
Synonyms:	MGC94471
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR211776 representing NM_001005761
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTTTTCGGAGCTGATTAAGACCCCGCGGTGGACAATGTGGTGTGCACCGCCTTTCTACCCCG
 CTGTGGAAGGACCCTATGTCTGACGGGCCACCACCTGATCCTGTCTCCCGGCAGGACAACACTGAGGA
 GCTCTGGCTCCTCCATTCAAATATCGACGCCATTGACAAACGATTTGTGGCTCTCTGGTACTATTATC
 AAAAAATGTAAGATTTCCGAATAATTCAGTTGGATATTCTGGAATGGAGGAGTGTAAATATAGCCA
 GTTCCATCGAGGCATTGTCCACTCTGGACTCGGTACCCTGATGTACCCTTTCTCTACCGACCCATGTT
 TGAAGTGATTGAAGATGGCTGGCATTCTTCTCTCTGAGCAAGAATTTGAGTCTACTCTTCTGTCTACC
 AGTGAATGGAGACTGAGCTATGTCAATAAGGAATTTCCATCTGCCCTACCTACCCACCAACTGTCATTG
 TGCCCAAGTCCATCGATGATGAAGCACTTCGGAAGTAGCAGCCTCCGACATGGGGGGCGCTTCCCAGT
 CCTGAGCTATTACCATAAAAAGAATGGCATGGTAATTATGCGAAGTGGTACGCCCTGACTGGCACAAAT
 GGGCGGAGGTGCAAGGAAGATGAGAAGCTGATAAACGCCACCCTCAGGGCAGGAAAGCGTGGCTACCTTA
 TTGACACCAGATCCCTAAATGTGGCCAGCAAGCTAGAGCCAAAGGAGGTGGCTTTGAACAGGAGGCTCA
 TTATCCCCAGTGGAGGCGGATTCACAAGTCCATTGAGAGATACCATGTTCTTCAGGAGAGCCTAATCAAA
 CTTGTGGAAGCATGCAATGAACAAACACACAGCATGGACCGATGGCTCGGCAAGCTGGAGGCCTCCAAC
 GGCTGACACACATCAAGGAGATCCTGACCACCGCTGCTGGCCGCCAGTGCATTGACAGGGAAGGTGC
 ATCAGTGTTCATGGGACAGAAGGAAGTATTCCACTGCAAGTGAATCTCTGGCCAGATCATC
 CTGGAACCGAGAAGCAGAACCATCCGAGGCTTTGAAGCCCTGATAGAGCGAGAGTGGCTGCAGGCTGGTC
 ACCCGTTCCAGCAGCGCTGTGCACAGTCAAGCTATTGCAGCAGCAAGCAGAAGTGGGAGGCCCCCGTGT
 TCTTCTTCTCTGGACTGTGTGGCAGATCCTGCGGCAAGTCCCTGCTCCTTTGAGTTAATGAGCAT
 TTTCTCATCATGCTCTTTGAGCATGCTTATGCCTCACAGTTCGGGACGTTCTGGCAACAGTGAACAG
 AGAGGTGAAGCTGAAGCTACAGCAGAAAAAATGTCTTTGTGGTTCATGGTTAATCGGCCAGTGAAC
 GAGTAAATTCACCAATCCGCTTTTTGAAGCCAACAACCTGGTCACTGGCCTTCTGTAGCTCCACAGAGT
 CTCCAGCTGTGGGAAGGAATCTTCTGCGCTGGAGCAGATCCTCTAAGTATCTGGATGAAGCCTATGAGG
 AAATGGTTAACATCATTGAATATAACAAGGAGTTACAAGCCAAGGTCAATGTCCTGAGAAGGCAGTTGGC
 TGAAATGGAAACAGAGGATGGGCTACGAGAGAGTCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211776 representing NM_001005761
 Red=Cloning site Green=Tags(s)

MEFAELIKTPRVDNVVLRHFPYPAVEGTLCLTGHHLILSSRQDNTEELWLLHSNIDAIDKRFVGLGTII
 IKCKDFRIIQLDIPGMEELNIASSIEALSTLDSVTLMPFFYRPMFEVIEDGWHSFLPEQEFEFYSSAT
 SEWRLSYVNKEFSICPTYPTVIVPKSIDDEALRKVAAFRHGGRFPVLSYYHKKNGMVMIMRSGQPLTGTN
 GRRCKEDEKLINATLRAGKRGYLIDTRSLNVAQQARAKGGGFEQEAHYPQWRIHKSIERYHVLQESLIK
 LVEACNEQTHSMDRWLGKLEASNWLTHIKEILTTACLAQCIDREGASVLIHGTEGTDSTLQVTSLAQII
 LEPRSRTIRGFELIEREWLQAGHPFQQRCAQSAYCSSKQKWEAPVLLFLDCVWQILRQFPCSEFNEH
 FLIMLFEHAYASQFGTFLGNSENERCKLKLQQTMSLWSWVNRPSLSKFTNPLFEANNLVIWPSVAPQS
 LQLWEGIFLRWSRSSKYLDEAYEEMVNIIEYNKELQAKVNVLRQLAELETEDGLRESP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001005761

ORF Size: 1647 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001005761.1](#), [NP_001005761.1](#)

RefSeq Size: 2247 bp

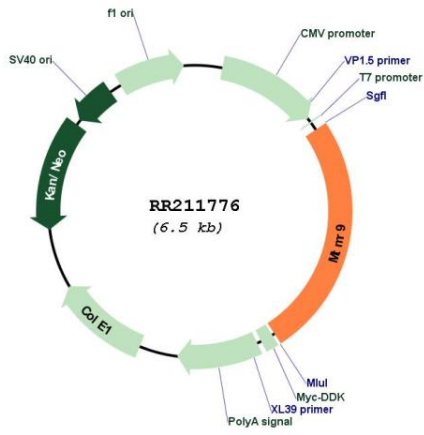
RefSeq ORF: 1650 bp

Locus ID: 282584

Cytogenetics: 15p12

MW: 63.4 kDa

Product images:



Circular map for RR211776