

Product datasheet for **RR206466**

Mmp17 (NM_001105925) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp17 (NM_001105925) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mmp17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR206466 representing NM_001105925
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACGCCCGCGGGACCTGGATCCCCCGGGACCTGGCCCTCCACGACCCGGGCCCGGGTTGC
 CGCGCTGTTGCTTATGCTGGCGCTGGCGGCCATGGGGGCTGCGCAGCGCCCGCGCCCGCGGAGGA
 CCTCAGCCTTGGGGTGGAGTGGCTAAGCAAGTTTGGCTACCTCCACCTGCAGACCCGGCGACAGGGCAG
 CTACAGACACAGGAGGAAGTGTCCAAGGCTATTACTGCCATGCAACAGTTTGGCGGTCTGGAGACCACTG
 GCATCCTGGATGAGGCCACTCTGGCACTGATGAAGACCCCTCGTGTCCCTCCGGACCTGCCCTTGG
 GGCCCAATCGAGAAGGAGGCGTCAGACTCCGCTACCCACCAATGGAGCAAGAGGAACCTTTCTTGAGG
 GTCCGGACATTCCACGGGACTACCCCTGGGCCGGGATACTGTGCGTGCATCATGTACTACGCCCTCA
 AAGTCTGGAGTGACATCACACCTTGAAGTTCACGAGGTAGCGGCAACATGGCGGACATCCAGATCGA
 CTTCTCCAAGGCTGACCACAACGACGGTACCCCTTCGATGGCCCGGTGGCACAGTGGCCCATGCATTC
 TTCCCTGGTGACCACCACACAGCAGGGGACACCACTTTGATGACGATGAGGCGTGGACCTTCCGCTCCT
 CAGATGCCACGGGATGGACCTGTTTGCAGTGGCTGTCCACGAGTTTCGGTCATGCCATCGGTCTGAGCCA
 TGTGCTGCCCAAGCTCCATCATGCAGCCATACTACCAGGGCCCGTGGGTGACCCGCTACGCTATGGG
 CTTCCCTACGAGGACAGGGTGCCTGTCTGGCAGTTGTACGGTGTGCGGGAGTCCGTGTCCCTACTGCC
 AGCTGGATACCCAGAAGCTGAGGAACACCCCTCCTGCCAGAGCCCCCAACAATCGGTCTAGCACTCC
 GCCACAGAAGGATGTGCCTCACAGGTGCACTGCTCACTTCGATGCTGTGGCCAGATTCTGGTGAAGCA
 TTCTTCTTCAAAGGCAAGTATTTCTGGAGGCTGACCCGGGACAGGCACTTGGTGTCCCTGCAGCCCGCTC
 AAATGCATCGCTTCTGGCGGGTCTGCCGCTGCACCTGGACAGTGTGGACGCGGTGTATGAGCGTACCAG
 TGACCACAAGATTGTCTTCTTCAAAGGAGACAGATACTGGGTGTTTAAGGACAACAATGTAGAGGAAGGG
 TACCCACGACCCGCTCTCGACTTCAGCCTCCCGCCAGGTGGCATCGACGCGCTTCTCTCTGGGCCACA
 ATGACAGGACTTATTTCTTAAAGGACGCTGTACTGGCGCTATGACGACCACACAGGCGCATGGACCC
 TGGCTACCCTGCCAGGGCCCCCTGTGGAGAGGTGTCCCAGCGTGTGGATGATGCCATGCGCTGGTCT
 GACGGTGCATCTATTTCTTCCGAGGCCAGGAGTACTGAAAGTGTGGTGGTGGTGGTGGTGGTGGTGGT
 CTGGGTACCTCAGTCTACAGCCCGGACTGGCTGGTATGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 AGGCCCGGACCGCAAGGCCGACGCGGGGCCAGGATGGTCTGGCAGTATGTTCTGCACTTCAGACGCA
 CACAGGTCTGCACTGCCACCTCTGCTGCTGCTGCCACCACTGCTGTGGGCCTATGGACCTCAGTCTCCA
 GCACGGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206466 representing NM_001105925
 Red=Cloning site Green=Tags(s)

MGRRPRGPGSPRGPGPPRGPLPPLLLMLALAAHGGCAAPAPRAEDLSLGVWLSKFGYLPADPATGQ
 LQTQEELSKAITAMQQFGGLETTGILDEATLALMKTPRCSLPDLPLGAQSRRRRQTPLPTKWSKRNLSWR
 VRTFPRDSPLGRDTPVRALMYALKVWSDITPLNFHEVAGNMADIQIDFSKADHNDGYFPDGGTVAHAF
 FPGDHHTAGDTHFDDDEAWTFRSSDAHGMDFAVAVHEFGHAIGLSHVAAPSSIMQPYYPVGPVGDPLRYG
 LPYEDRVRVWQLYGVRESVSPTAQLDTPPEPEPPLPEPPNNRSSTPPQKDVPHRCTAHFDAVAQIRGEA
 FFFKGKYFWRLTRDRHLVSLQPAQMHRFWRGLPLHLSVDAVYERTSDHKIVFFKGDYVWFKDNVVEEG
 YPRPVSDFLPPGGIDAVFSWAHNDRTYFFKDQLYWRYDDHTRRMDPGYPAGGPLWRGVPSVLDDAMRWS
 DGASYFFRGQYWKVLDGELEAAPGYPQSTARDWLVCGEQLADAEDVGPQPQGRSGAQDGLAVCSCTSDA
 HRSALPPLLLLPLLWGLWTSVSSSTAS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001105925

ORF Size: 1761 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_001105925.1](#), [NP_001099395.1](#)

RefSeq Size: 3509 bp

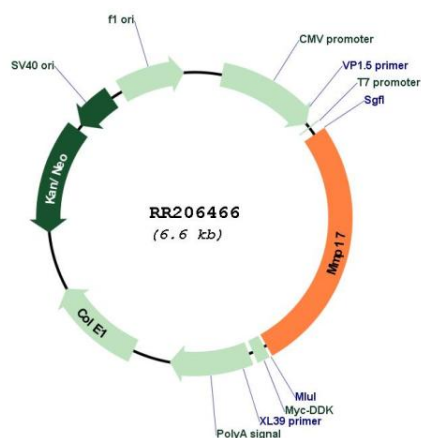
RefSeq ORF: 1764 bp

Locus ID: 288626

Cytogenetics: 12q13

MW: 65.3 kDa

Product images:



Circular map for RR206466