

## Product datasheet for **MR205100**

### PPP2R3A (BC096544) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R3A (BC096544) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R3A
Synonyms:	PP2A B"-PR59; PP2A PR59; PPP2R3; PPP2R3A; PR59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205100 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGCCCTGACTCCGCCATAGCTGTTAGGTTCACTGTGAATCCCTCTGACCCTGCCCTGACTCCACCCA  
CAGCCCTTGGCCCTGCACACACAGCCCTTACATTAAGTGTGATCACCGCCCTAGCCCTGCCCTGATGCC  
AGGCCATACTCACAGCCCTCACATTAAGTGTGATCACCGCCCTAGCCCTGCCCTGATGCC  
TCCAGGTGATTCAGAGGATCTTCTACACAGTAAACCGGTCATGGTCAGGGATGATCTCGCGTGAGGAGC  
TAAGGCGCAGCAGCTTCTGCAGGCTGTGTACAGTTGGAGGTAGAGCCTGACATCAACCGCATGACGTC  
GTTCTTCTTATGAGCATTCTATGTCATCTACTGCAAGTTCTGGGAGCTCGACCTCGACCGCGACCTC  
ACCATTGACAGGAGCGACCTCGCAGCCATGGGGACGGGGCCATCTCTCCAGAATGATTGACCGCATCT  
TCTCAGGGCCGTCACCAGGGCGAGGCTGCCCGAAAGGTCGGCAAGCTGAGCTACGCAGACTTTGTATG  
GTTCTGCTCTCCGAGGAGGACAAGACTACGCCACCAGCACCAGTACTGGTCCGTTGCATGGACCTG  
GACGGTGACGGCGCTCTCTCCATGTTTGGAGCTCGAGTTCTTCTATGAGGAGCAGGCCAGCGCATGGCCG  
CCCGGGTGTGGAGCCCTCCCTTCCACGACCTTGCACGCCAGGTGCTCGACCTCGTCCCGCCGCGCTG  
CCCCGGCCGATCACGCTGCGCGACCTGAAGCAGTGCAGGCTGGCGGGTGAAGTCTTCCAGCGCTTCTTC  
AACGTGGACAAGTACCTGGCACGGGAGCAGCGCAGCAGGCGGGGACTCCGCAGGACACTGACTCCGACC  
CCGCGGCATCTGCCTGGGACAGGTATGCCGCCGAGGAGTACGACTTCTCTGTGGCCGAGGAGGCCATGGC  
AGAGGACGACGACGACCATGACGAAGGGCCCTGCCCACTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205100 protein sequence  
 Red=Cloning site Green=Tags(s)

MPLTPPIAVRFTVNPSPALTPPTALGPAHTALTLTVITALALPLMPGHTSPHINYSDSRHGSPVTPPL  
 FQVIQRIFYTVNRSWSGMI SREELRRSSFLQAVSQLEVEPDINRMTSFFSYEHFYVIYCKFWELDLDRDL  
 TIDRSDLARHGDAISSRMIDRIFSGAVTRARLPRKVGKLSYADFVWFLLEEDKTTPTSTEYWFRCMDL  
 DGDGALSMFELEFFYEEQAQRMAARGVEPLPFHDLARQVLDLVAPRCPGRITLRDLKQCGLAGEFFDAFF  
 NVDKYLAREQREQAGTPQDTSDPAASAWDRYAEEYDFLVAEEAMAEDDDHDEGPCPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC096544

**ORF Size:** 1020 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:** [BC096544](#), [AAH96544](#)

**RefSeq Size:** 3897 bp

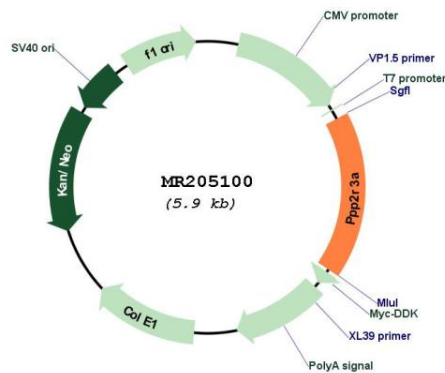
**RefSeq ORF:** 1022 bp

**Locus ID:** 19054

**Cytogenetics:** 9 F4

**MW:** 38.6 kDa

### Product images:



Circular map for MR205100