

## Product datasheet for **MR208433**

### **PPP2R3A (BC027415) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PPP2R3A (BC027415) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R3A
Synonyms:	PP2A B <sup>''</sup> -PR59; PP2A PR59; PPP2R3; PPP2R3A; PR59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208433 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGCCGCTGACGCCGCGCTACAGCTGAAGGTGGACGAGCTCTCCGGCGCTGGCTCGCGCATCCTC  
 ACACGCAGCGCGCTCAGCCACGCCCTCCGCCCATCCGGGACCCAGGACGACCTCTGACCCCGCCG  
 CGCCGCGACCCCGATGCGGACCCCGAAACACGACCTCCGACCTAACCCCGCCTCCCGACCGCTGCCG  
 CGGCCCGCTGAGAACGACGGGACCCAGGACGGTCCATGCCACAGGAAGGAGGAGCCCGCCCACT  
 CCCCACCCCTGGCCACAGCGTCCCGCCTTCTACTTCCCTTGGCGTGCACCCCGCCCGTCCCGAGGA  
 CACGGAGGATGCCATCGCCCTCGTGGAGTGCAGCTTCCGAGGGCTGCCTCGTGGGAGGGCGGGTCTGGC  
 GACATGGCCGTGGTTGCCAAGGCTGTGGCTGCCCTCTGACTGGAAGGCCCGCTGTTCTACGCTGCGG  
 GCGCGGAGCGCACAGGCTCTGTATCCGTGCACATGTTCTGACTATGTGGCGCAAAGTCTGCTGACCTG  
 CCATGATGATGCTGCGCGTTCGTGCGGCTGCTGGCCACCCGGGTGTAGTGGCCTCATCCAGGAGGAC  
 TTTGTGCCCTTCCTGCAGGATGTGGTGAACCTCGCACCCGGGCTGGCCTTCTGAGGGCAGCGAAGGACT  
 TCCACTCACGTTACATCACACAGTGATTACAGAGGATCTTCTACACAGTAAACCGGTTCATGGTCAGGGAT  
 GATCTCGCGTGAGGAGCTAAGGCGCAGCAGCTTCTGCAGGCTGTGTACAGTTGGAGGTAGAGCCTGAC  
 ATCAACCGCATGACGTCGTTCTTCTTATGAGCATTCTATGTCATCTACTGCAAGTCTGGGAGCTCG  
 ACCTCGACCGGACCTCACCATTTGACAGGAGCGACCTCGCACGCCATGGGACGGGGCCATCTCTCCAG  
 AATGATTGACCGCATCTTCTCAGGGCCGTCACAGGGCAGGCTGCCCGAAAGGTCCGGAAGCTGAGC  
 TACGCAGACTTTGATGGTTCCTGCTCTCCGAGGAGACAAGACTACGCCACCAGCACCAGTACTGGT  
 TCCGTTGCATGGACCTGGACGGTGCAGGCGCTCTCCATGTTTGAGCTCGAGTCTTCTATGAGGAGCA  
 GGCCAGCGCATGGCCCGCCGGGTGTGGAGCCCTCCCTTCCACGACCTTGCACGCCAGGTGCTCGAC  
 CTGTCGCCCCGCGCTGCCCGCCGGATCACGCTGCGGACCTGAAGCAGTGGCGCTGGCGGGTGA  
 TCTTCGACGCTTCTTCAACGTGGACAAGTACCTGGCACGGGAGCAGCGGAGCAGGCGGGGACTCCGCA  
 GGACACTGACTCCGACCCCGCGCATCTGCCTGGGACAGGTATGCCGCGAGGAGTACGACTTCTCGTG  
 GCCGAGGAGGCCATGGCAGAGGACGACGACCATGACGAAGGGTCCGACCCCATAGATCTCTACGGCC  
 TTGCTGACGAGGACTGCGACGACCTGGAGCCTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208433 protein sequence  
 Red=Cloning site Green=Tags(s)

MAPLTPRLQLKVELFRRWLGDPHTQRALSHALRRIRDPGTSDPAAAATPDADPGNTSDPNPASRPLP  
 RPALRTTGPRTVHAHRKEEPPQSPPPGHSVPAFYFPCGRPPRPQDTEAIALVECAFEGLPGRAGLG  
 DMAVVAKACGCPLYWKAPLFYAAGGERTGSVSVHMFVAMWRKVLTTCHDDAARFVRLLGHPGCSGLIQED  
 FVPFLQDVVNSHPGLAFLRAAKDFHSRYITTVIQRIFYTVNRSWSGMISREELRRSFLQAVSQLEVEPD  
 INRMTSFFSYEHFYIYCKFWELDLDRDLTIDRSDLARHGDGAISSRMIDRIFSGAVTRARLPRKVGKLS  
 YADFWFLLSEEDKTTPTSTEYWFRCMDLDGDGALSMFELEFFYEEQAQRMAARGVEPLPFHDLARQVLD  
 LVAPRCPGRITLRLDKQCLAGEFFDAFFNVDKYLAREQREQAGTPQDTSDDPAASAWDRYAAEEYDFLV  
 AEEAMAEDDDHDEGSDPIDLYGLADEDCDDLEPL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: BC027415

ORF Size: 1575 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: [BC027415.1](#)

RefSeq Size: 1907 bp

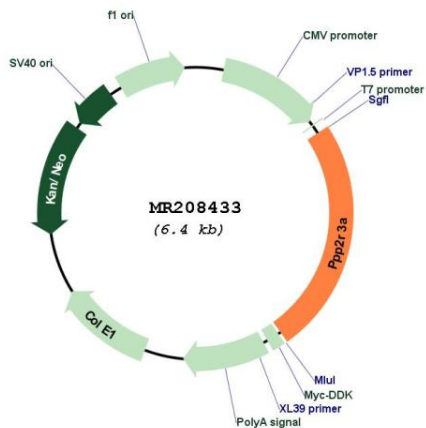
RefSeq ORF: 1577 bp

Locus ID: 19054

Cytogenetics: 9 F4

MW: 59.1 kDa

Product images:



Circular map for MR208433