

Product datasheet for **MR208419**

PPP2R3A (BC059852) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R3A (BC059852) 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)



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ORF Nucleotide Sequence:

>MR208419 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCCGCTGACGCCGCGCTACAGCTGAAGGTGGACGAGCTCTCCGCGCTGGCTCGCGCATCCTC
 ACACGCAGCGCGCTCAGCCACGCCCTCGCCGCATCCGGGACCCAGGACGACCTCTGACCCCGCCG
 CGCCGCGACCCCGATGCGGACCCCGAAACACGACCTCCGACCCTAACCCCGCCTCCCGACCGCTGCCG
 CGGCCCGCTGAGAACGACGGGACCCAGGACGGTCCATGCCACAGGAAGGAGGAGCCCGCCCGCAGT
 CCCCACCCCTGGCCACAGCGTCCCGCCTTCTACTTCCCTTGGCGTGCACCCCGCCCGTCCCGAGGA
 CACGGAGGATGCCATCGCCCTCGTGGAGTGCAGCTTCCGAGGGGCTGCCTCGTGGGAGGGCGGGTCTGGG
 GACATGGCCGTGGTTGCCAAGGCCTGTGGCTGCCCTCTGACTGGAAGGCCCGCTGTTCTACGCTGCGG
 GCGCGGAGCGCACAGGCTCTGTATCCGTGCACATGTTCTGACTATGTGGCGCAAAGTCTGCTGACCTG
 CCATGATGATGCTGCGCGTTCTGTCGGCTGCTGGCCACCCGGGTGTAGTGGCCTCATCCAGGAGGAC
 TTTGTGCCCTTCCTGCAGGATGTGGTGAACCTCGCACCCGGGCTGGCCTTCTGAGGGCAGCGAAGGACT
 TCCACTCACGTTACATCACACAGTGATTACAGAGGATCTTCTACACAGTAAACCGGTTCATGGTCAGGGAT
 GATCTCGCGTGAGGAGCTAAGGCGCAGCAGCTTCTGCAGGCTGTGTACAGTTGGAGGTAGAGCCTGAC
 ATCAACCGCATGACGTCGTTCTTCTTATGAGCATTCTATGTCATCTACTGCAAGTCTGGGAGCTCG
 ACCTCGACCGGACCTCACCAATTGACAGGAGCGACCTCGCACGCCATGGGGACGGGGCCATCTCTCCAG
 AATGATTGACCGCATCTTCTCAGGGCCGTCACAGGGCAGGCTGCCCGAAAGGTGCGGAAGCTGAGC
 TACGCAGACTTTGATGGTTCCTGCTCTCCGAGGAGACAAGACTACGCCACCAGCAGGACTACTGGT
 TCCGTTGCATGGACCTGGACGGTGCAGGCGCTCTCCATGTTTGAGCTCGAGTCTTCTATGAGGAGCA
 GGCCAGCGCATGGCCCGCCGGGTGTGGAGCCCTCCCTTCCACGACCTTGCACGCCAGGTGCTCGAC
 CTGTCGCCCCGCGCTGCCCGCCGGATCACGCTGCGGACCTGAAGCAGTGCAGCCTGGCGGTGAGT
 TCTTCGACGCTTCTTCAACGTGGACAAGTACCTGGCACGGGAGCAGCGGAGCAGGCGGGGACTCCGCA
 GGACACTGACTCCGACCCCGCGCATCTGCCTGGGACAGGTATGCCGCCGAGGAGTACGACTTCTCGTG
 GCCGAGGAGGCCATGGCAGAGGACGACGACCATGACGAAGGGTCCGACCCCATAGATCTCTACGGCC
 TTGCTGACGAGGACTGCGACGACCTGGAGCCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208419 protein sequence
 Red=Cloning site Green=Tags(s)

MAPLTPRLQLKVELFRRWLGDPHTQRALSHALRRIRDPGTSDPAAAATPDADPGNTSDPNPASRPLP
 RPALRTTGPRTVHAHRKEEPPQSPPPGHSVPAFYFPCGRPPRPQDTEAIALVECAFEGLPRGRAGLG
 DMAVVAKACGCPLYWKAPLFYAAGGERTGSVSVHMFVAMWRKVLTTCHDDAARFVRLLGHPGCSGLIQED
 FVPFLQDVVNSHPGLAFLRAAKDFHSRYITTVIQRIFYTVNRSWSGMISREELRRSFLQAVSQLEVEPD
 INRMTSFFSYEHFYIYCKFWELDLDRDLTIDRSDLARHGDGAISSRMIDRIFSGAVTRARLPRKVGKLS
 YADFWFLLSEEDKTTPTSTEYWFRCMDLDGDGALSMFELEFFYEEQAQRMAARGVEPLPFHDLARQVLD
 LVAPRCPGRITLRLDKQCLAGEFFDAFFNVDKYLAREQREQAGTPQDSDPAAASAWDRYAAEEYDFLV
 AEEAMAEDDDHDEGSDPIDLYGLADEDCDDLEPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: BC059852

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: [BC059852](#), [AAH59852](#)

RefSeq Size: 2172 bp

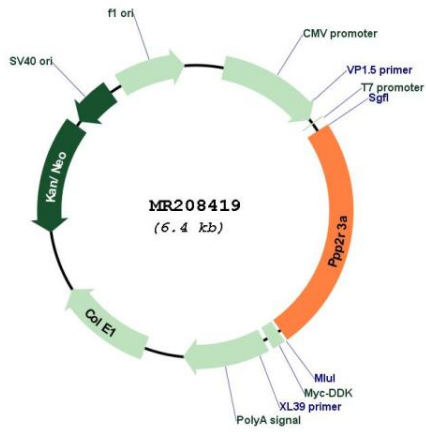
RefSeq ORF: 1577 bp

Locus ID: 19054

Cytogenetics: 9 F4

MW: 59.1 kDa

Product images:



Circular map for MR208419