

Product datasheet for **MG205100**

PPP2R3A (BC096544) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R3A (BC096544) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PPP2R3A
Synonyms:	PP2A B"-PR59; PP2A PR59; PPP2R3; PPP2R3A; PR59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205100 representing BC096544 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCTGACTCCGCCATAGCTGTTAGGTTCACTGTGAATCCCTCTGACCCTGCCCTGACTCCACCCA
CAGCCCTGGCCCTGCACACACAGCCCTTACATTAAGTGTGATCACCGCCCTAGCCCTGCCCTGATGCC
AGGCCATACTCACAGCCCTCACATTAACACAGTATTCCCGCCATGGCTCCCCGTGACCCCGCCCTC
TCCAGGTGATTCAGAGGATCTTCTACACAGTAAACCGGTCATGGTCAGGGATGATCTCGCGTGAGGAGC
TAAGGCGCAGCAGCTTCTGCAGGCTGTGTACAGTTGGAGGTAGAGCCTGACATCAACCGCATGACGTC
GTTCTTCTTATGAGCATTCTATGTCATCTACTGCAAGTTCTGGGAGCTCGACCTCGACCGCGACCTC
ACCATTGACAGGAGCGACCTCGCACGCCATGGGGACGGGGCCATCTCTCCAGAATGATTGACCGCATCT
TCTCAGGGGCCGTCAACAGGGCGAGGCTGCCCGAAAGGTCGGCAAGCTGAGCTACGCAGACTTTGTATG
GTTCTGCTCTCCGAGGAGGACAAGACTACGCCACCAGCACCAGTACTGGTCCGTTGCATGGACCTG
GACGGTGACGGCGCTCTCTCCATGTTTGGAGCTCGAGTTCTTCTATGAGGAGCAGGCCAGCGCATGGCCG
CCCGGGTGTGGAGCCCTCCCTTCCACGACCTTGCACGCCAGGTGCTCGACCTCGTCCCGCCGCGCTG
CCCCGGCCGATCACGCTGCGCGACCTGAAGCAGTGCAGGCTGGCGGGTGAAGTTCTCGACGCCTTCTTC
AACGTGGACAAGTACCTGGCACGGGAGCAGCGCAGCAGGCGGGGACTCCGCAGGACACTGACTCCGACC
CCGCGGCATCTGCCTGGGACAGGTATGCCGCCGAGGAGTACGACTTCTCTGTGGCCGAGGAGGCCATGGC
AGAGGACGACGACGACCATGACGAAGGGCCCTGCCCACTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205100 representing BC096544
Red=Cloning site Green=Tags(s)

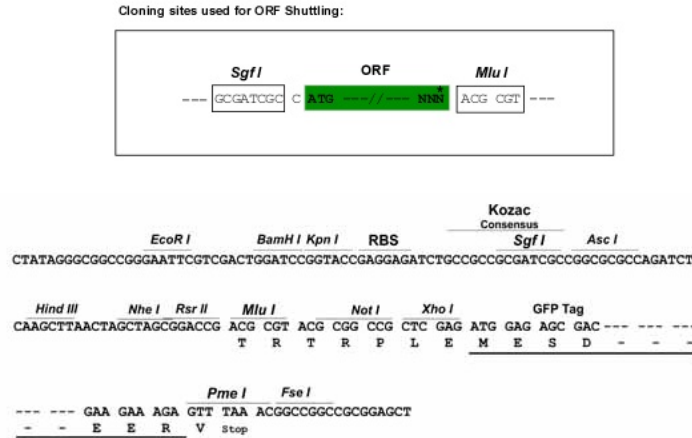
MPLTPPIAVRFTVNPSPALTPPTALGPAHTALTLTVITALALPLMPGHTSPHINYSDSRHGSPVTPPL
 FQVIQRIFYTVNRSWSGMISREELRRSSFLQAVSQLVEVPDINRMTSFFSYEHFYVIYCKFWELDLDRDL
 TIDRSDLARHGDAISSRMIDRIFSGAVTRARLPRKVGKLSYADFVWFLLEEDKTTPTSTEYWFRCMDL
 DGDGALSMFELEFFYEEQAQRMAARGVEPLPFHDLARQVLDLVAPRCPRITLRDLKQCGLAGEFFDAFF
 NVDKYLAREQREQAGTPQDSDPAASAWDRYAEEYDFLVAEEAMAEDDDHDEGPCPL

TRTRPLE - GFP Tag - V

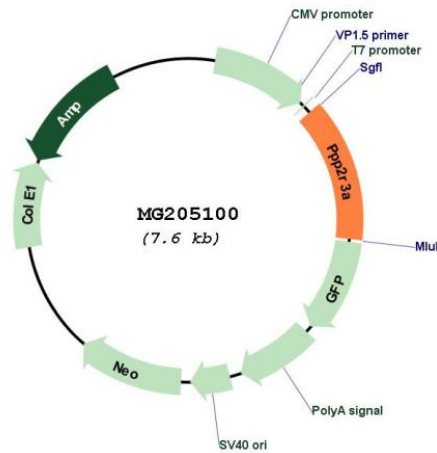
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC096544

ORF Size: 1022 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:	<ol style="list-style-type: none"> 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