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Product datasheet for MG219338

Ppp2r3d (NM_001163415) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp2r3d (NM_001163415) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ppp2r3d
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)

View online »

ORF Nucleotide Sequence:

>MG219338 representing NM_001163415
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCCGCTGACGCCGCGGCTACAGCTGAAGGTGGACGAGCTCTTCCGGCGCTGGCTCGGCGATCCTC
ACACGCAGCGCGCGCTCAGCCACGCCCTCCGCCGCATCCGGGACCCAGGGACGACCTCTGACCCCGCCGC
CGCCGCGACCCCCGATGCGGACCCCGGAAACACGACCTCCGACCCTAACCCCGCCTCCCGACCGCTGCCG
CGGCCCGCGCTGAGAACGACGGGACCCAGGACGGTCCATGCCCACAGGAAGGAGGAGCCCCCGCCCCAGT
CCCCACCCCCTGGCCACAGCGTCCCCGCCTTCTACTTCCCTTGCGGTCGACCCCCGCCCCGTCCCCAGGA
CACGGAGGATGCCATCGCCCTCGTGGAGTGCGCGTTCGAGGGGCTGCCTCGTGGGAGGGCGGGTCTGGGC
GACATGGCCGTGGTTGCCAAGGCCTGTGGCTGCCCTCTGTACTGGAAGGCCCCGCTGTTCTACGCTGCGG
GCGGCGAGCGCACAGGCTCTGTATCCGTGCACATGTTCGTAGCTATGTGGCGCAAAGTCCTGCTGACCTG
CCATGATGATGCTGCGCGGTTCGTGCGGCTGCTGGGCCACCCCGGGTGTAGTGGCCTCATCCAGGAGGAC
TTTGTGCCCTTCCTGCAGGATGTGGTGAACTCGCACCCGGGCCTGGCCTTCCTGAGGGCAGCGAAGGACT
TCCACTCACGTTACATCACCACAGTGATTCAGAGGATCTTCTACACAGTAAACCGGTCATGGTCAGGGAT
GATCTCGCGTGAGGAGCTAAGGCGCAGCAGCTTCCTGCAGGCTGTGTCACAGTTGGAGGTAGAGCCTGAC
ATCAACCGCATGACGTCGTTCTTCTCTTATGAGCATTTCTATGTCATCTACTGCAAGTTCTGGGAGCTCG
ACCTCGACCGCGACCTCACCATTGACAGGAGCGACCTCGCACGCCATGGGGACGGGGCCATCTCCTCCAG
AATGATTGACCGCATCTTCTCAGGGGCCGTCACCAGGGCGAGGCTGCCCCGAAAGGTCGGGAAGCTGAGC
TACGCAGACTTTGTATGGTTCCTGCTCTCCGAGGAGGACAAGACTACGCCCACCAGCACCGAGTACTGGT
TCCGTTGCATGGACCTGGACGGTGACGGCGCTCTCTCCATGTTTGAGCTCGAGTTCTTCTATGAGGAGCA
GGCCCAGCGCATGGCCGCCCGGGGTGTGGAGCCCCTCCCCTTCCACGACCTTGCACGCCAGGTGCTCGAC
CTCGTCGCCCCGCGCTGCCCCGGCCGGATCACGCTGCGCGACCTGAAGCAGTGCGGCCTGGCGGGTGAGT
TCTTCGACGCCTTCTTCAACGTGGACAAGTACCTGGCACGGGAGCAGCGCGAGCAGGCGGGGACTCCGCA
GGACACTGACTCCGACCCCGCGGCATCTGCCTGGGACAGGTATGCCGCCGAGGAGTACGACTTCCTCGTG
GCCGAGGAGGCCATGGCAGAGGACGACGACGACCATGACGAAGGGTCCGACCCCATAGATCTCTACGGCC
TTGCTGACGAGGACTGCGACGACCTGGAGCCTCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

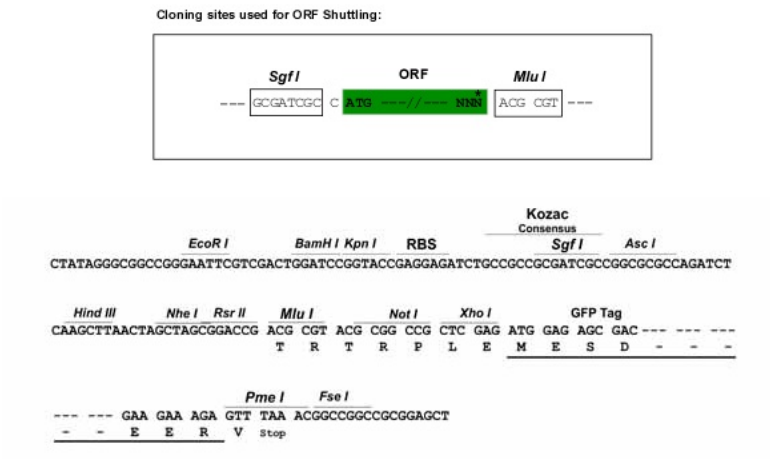
>MG219338 representing NM_001163415
Red=Cloning site Green=Tags(s)

MAPLTPRLQLKVDELFRRWLGDPHTQRALSHALRRIRDPGTTSDPAAAATPDADPGNTTSDPNPASRPLP
RPALRTTGPRTVHAHRKEEPPPQSPPPGHSVPAFYFPCGRPPPRPQDTEDAIALVECAFEGLPRGRAGLG
DMAVVAKACGCPLYWKAPLFYAAGGERTGSVSVHMFVAMWRKVLLTCHDDAARFVRLLGHPGCSGLIQED
FVPFLQDVVNSHPGLAFLRAAKDFHSRYITTVIQRIFYTVNRSWSGMISREELRRSSFLQAVSQLEVEPD
INRMTSFFSYEHFYVIYCKFWELDLDRDLTIDRSDLARHGDGAISSRMIDRIFSGAVTRARLPRKVGKLS
YADFVWFLLSEEDKTTPTSTEYWFRCMDLDGDGALSMFELEFFYEEQAQRMAARGVEPLPFHDLARQVLD
LVAPRCPGRITLRDLKQCGLAGEFFDAFFNVDKYLAREQREQAGTPQDTDSDPAASAWDRYAAEEYDFLV
AEEAMAEDDDDHDEGSDPIDLYGLADEDCDDLEPL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

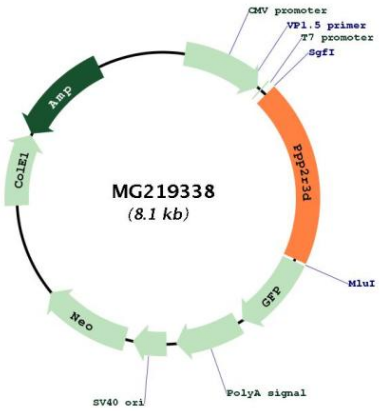
Cloning Scheme:



ACCN:	NM_001163415
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001163415.1, NP_001156887.1
RefSeq Size:	4414 bp
RefSeq ORF:	1578 bp
Locus ID:	19054

Cytogenetics: 9 F4

Product images:



Circular map for MG219338