

Product datasheet for MR221233

PPP1R3D (NM_001085501) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R3D (NM_001085501) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP1R3D
Synonyms:	2610024M03Rik; Gm359
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221233 representing NM_001085501 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCAAAGGCTCTGGTTCTGCCCCGCTGCCCTCGACCCGGGGTCCCGAAACTCGTGCCCCGGAGCC
TCAGCTGCCTCTCGGACATGGATCGACGACCCTGCAGACCCCGGGTGCAGCCCTCGGCTGCGGCCAT
CATCCAACGACGCTCGCGCTCGCTGCCACCTCCCCGAGCGCCGTGCCAAGGCTGCGGGAGCCCCGGC
GCCCGTGGGAGCTGGTGAACCGGAGGTCGGGTGCGCTTCGCTGACGCGTGGCCTGGAGCTGG
CGCAGGTCAAGGTGTTAACGCAGGCGACGATCCGTCCGTGCCGCTGCAGTGTGTGCGCCTAGCCAT
CAACTCAGACCTGTGCTGCAGCAGCCAGGATCTGGAGTTCACGCTGCAGTGCCTGGTCCCGACTTCTCG
CCGCCATCGAAACCCAGGCTTCGGAGAACGCCTGGCACGCCAGCTTGTGTGCCTGGAACGTGTACCT
GCTCTGACCTGGGCATCAGCGGCACAGTGCAGTGCAGCAACGTGGCCTTCGAGAAGCAGGTGACGGTGC
CTACACCTTCTGGCTGGCGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAG
GGTACCGAGGACATCTTCGCTTCGGCTTCCAGTGCCTCCCTTCTGCTGGAGCTCGGCTCCAGGTAC
ACTTCGCACTGCGCTATGGCGTAGCTGGTGTGACTGGGACAACAATGATGGTCCGACTATAGCCT
TACTTGTGCGAGTCATGCCTTGCACATGCCACGCGGGGAGTGCAGGAGAGCTGGATTCACTTCATC

ACGCGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221233 representing NM_001085501
 Red=Cloning site Green=Tags(s)

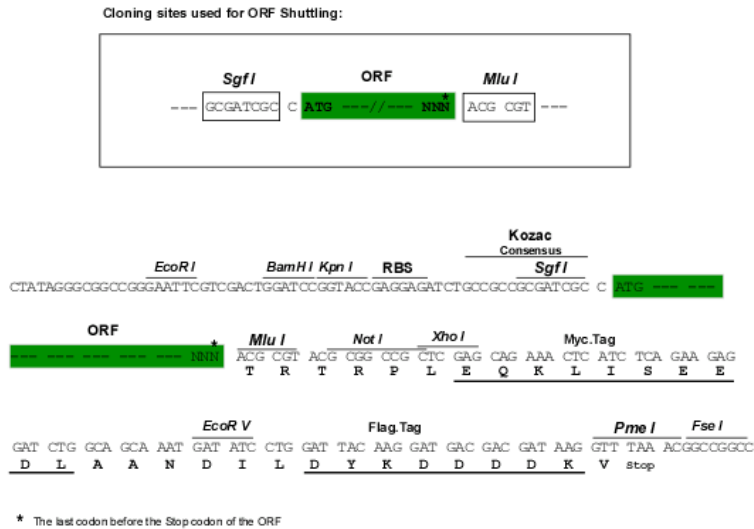
MSKSGSAPLPSTPGSRKLVPRSL SCLSDMDRRPCRP PGCDPRLRPIIQRRSRSLPTSPERRAKAAGAPG
 AACGAGCNRQVRVRFADALGLELAQVKVFNAGDDPSVPLHVL SRLAINSDLCCSSQDLEFTLQCLVPDFS
 PPIETPGFGERLARQLVCLERVTCSDLGISGTVRVRNVAFEKQVTVRYTFSGWRS AHEAVARWRGPAGAE
 GTEDIFAFGFPVPPFLEL LGSQVHFALRYGVAGAEYWDNNDGRDYSLTCRSHALHMPRGECEESWIHFI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9092_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001085501

ORF Size: 837 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: [NM_001085501.2](#), [NP_001078970.1](#)

RefSeq Size: 3272 bp

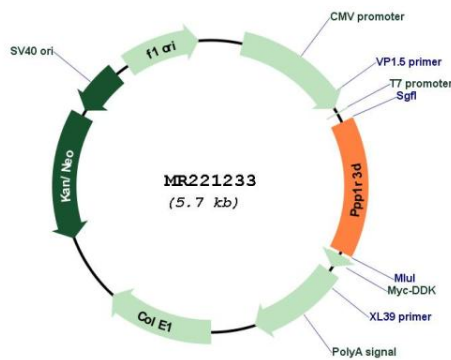
RefSeq ORF: 840 bp

Locus ID: 228966

Cytogenetics: 2 H4

MW: 30.5 kDa

Product images:



Circular map for MR221233