

Product datasheet for RC230012

PPP1R32 (NM_001170753) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R32 (NM_001170753) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP1R32
Synonyms:	C11orf66; IILG9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC230012 representing NM_001170753 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATGGGGAACCTCCCCTGGGGTCTCTCCCCTTATGTGAAGATGAGTTCGGGGGGCTACACGGACC
 CCCTGAAATCTACGCCACCGCTACTGCACCGCTACGGTCGGGAGGATTTCAAGCCCCGTGTGGGCAG
 TCACGTAGGCACCGCTACAAATCAAATTTCCAGCCCGTGGTCTCATGCCAAGCCAGTCTGGAGGCCTTA
 GACAACCCGGCCAGGGGGGAACAAGCCAGGACCATTTCCAGTCTGTGGCCAGCCAGAGTACCGCCCCC
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 GAAGCCCAGTGCGGGTCCCCCACCAGGAGGTCCGGAAGGTCCATTTGACACCCAGGAGCAGGGCCCT
 CAGGCCATCAGGGGCTGGAGCCAGGGAAGTGCTCTGTCTCCACCAGCAGCAGGGCCAGGACCCGCTGG
 AGCGGGAGAATCTCCGACATGGCCACGCTTCATGACGTCCGAGTACAATTCAGTATCTCAGGGACCC
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 CAGAGTGCCCCCTCCCTGCCAGAACCCAGCAGCGTGAGTCACCAGCAGTTTCAGCCACTTCATCGGATG
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 ACAACCCCATGTATGTCGGGAGCCCTGTGATCCTGACAGGGATCAGCGATACCTGACCACCTACAACCA
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 TGCGGCACCTGCATCCCCACGTGGGAAGAACCTGACCTCAGCTGACCCCTTCTACCAGAACACACCTCA
 CAGCAGCCGCTGCGTGGCACACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC230012 representing NM_001170753
 Red=Cloning site Green=Tags(s)

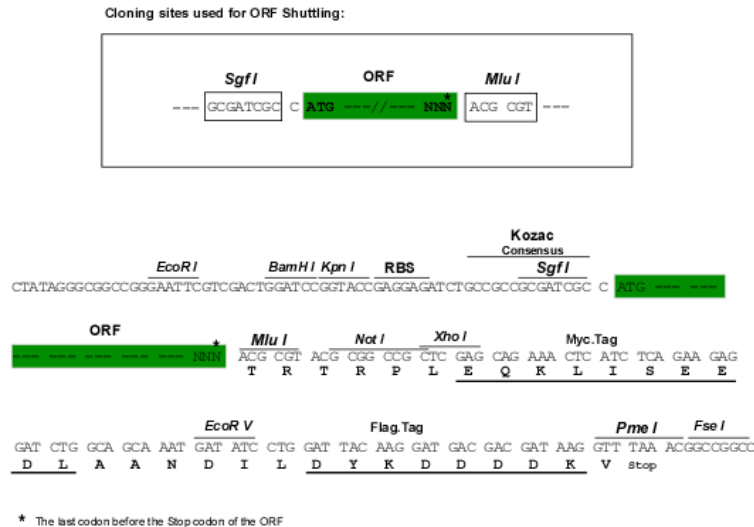
MMGKLPLGVVSPYVKMSSGGYTDPLKFYATSYCTAYGREDFKPRVGSVGTGYKSNFQPVVSCQASLEAL
 DNPARGEQAQDHFQSVASQSYRPLEVPDGKHPLPWSMRQTSSGYGREKPSAGPPTKEVRKVHFDTQEHGP
 QAITGLEPREVPLLHQQQGDPLERENFRHGPRFMTSEYNSKYLRDPLDQPDFLQKKSIGAKEGSGFTKQ
 SHQSPIVFQPPSQALPGDPGDEFLPVLARGSKRETAFSRGNERILNPRVPPPCPEPSSVSHQQFQPLHRM
 QQTINVALLGRETVGKKEPTGFSLNPMYVRSPCDPDRDQRYLTTYNQGYFENIPKGLDQEGWTRGGIQPQ
 MPGGYALSQPVTCMEATPNMESLRHLHPHVGRTLTADPFYQNTPHSSRCVAHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001170753

ORF Size: 1215 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_001170753.1](#), [NP_001164224.1](#)

RefSeq ORF: 1218 bp

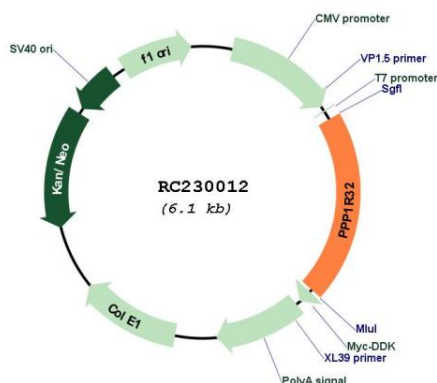
Locus ID: 220004

UniProt ID: [Q7Z5V6](#)

Cytogenetics: 11q12.2

MW: 45.6 kDa

Product images:



Circular map for RC230012