

Product datasheet for **RC208845**

PPP1R32 (NM_145017) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R32 (NM_145017) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP1R32
Synonyms:	C11orf66; IIIIG9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC208845 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGGAAACTCCCCTGGGGTCTCTCCCCTATGTGAAGATGAGTTCGGGGGCTACACGGACC
 CCCTGAAATTCTACGCCACCAGCTACTGCACAGCCTACGGTCGGGAGATTTCAAGCCCGTGTGGGCAG
 TCACGTAGGCACCGCTACAAATCAAATTTCCAGCCCGTGGTCTCATGCCAAGCCAGTCTGGAGGCCTTA
 GACAACCCGGCCAGGGGGAACAAGCCAGGACATTTCCAGTCTGTGGCCAGCCAGAGCTACCGCCCC
 TGGAGGTGCCTGACGGCAAGCATCCCCTGCCCTGGAGCATGCGCCAGACCAGCTCAGGCTATGGCGGGA
 GAAGCCAGTGCGGTCCCCACCAAGGAGTCCGGAAGGTCCATTCGACACCCAGGAGCACGGGCT
 CAGGCCATCACGGGCTGGAGCCAGGGAAGTGCCTCTGCTCCACCAGCAGCAGGGCCAGGACCCGCTGG
 AGCGGGAGAACTCCGACATGGCCACGCTTCATGACGTCGGAGTACAATCCAAGTATCTCAGGGACCC
 TCTAGACCAGCCAGATTTCTTGACAAGAAATCGATCGGCGCAAAGGAGGGGAGTGGCTTACCAAAACAG
 TCCACCAGAGCCCAATTGTCTTCAACCGCCCTCACAGGCCCTCCCTGGGGACCCTGCCCTCTCCAG
 GCCAGAGTGTACCAAGTCAGACTTCTCCCAAGACTCACCTACATGGAGATGAGTTTCTACCTGTGTT
 GGCCAGAGGCTCCAAGCGGGAACAGCCTTCCAGCCGAGGGAATGAAAGGATTCTGAACCCAGAGTGCC
 CCTCCCTGCCAGAACCCAGCAGCGTGAGTCACCAGCAGTTTCAGCCACTTCATCGGATGCAACAGACAA
 ACGTTGCCCTGCTTGGCCGGGAGACTGTGGGAAAAAGGAGCCACAGGGTTCAGCCTTAACAACCCCAT
 GTATGTCCGAGCCCTGTGATCCTGACAGGATCAGCGATACCTGACCACCTACAACCAAGGGTACTTT
 GAGAACATCCCCAAGGTCTAGACCAGGAAGGCTGGACTCGAGGTGGCATCCAGCCCAGATGCCAGGAG
 GCTACGCCCTCAGCCAGCCGGTCAGTGCATGGAGGCCACCCCAACCCATGGAGAGCCTGCGGCACCT
 GCATCCCACGTCGGGAAGAACCCTGACCTCAGTGCACCCCTTCTACCAGAACACACTCACAGCAGCCGC
 TCGTGGCACACAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208845 protein sequence
 Red=Cloning site Green=Tags(s)

MMGKLPLGVVSPYVKMSSGGYTDPLKIFYATSYCTAYGREDFKPRVGSVHGTGYKSNFQPVVSCQASLEAL
 DNPARGEQAQDFQSVASQSYRPLEVDPDGKHLPLWMSRQTSSGYGREKPSAGPPTKEVRKVHFDTQEHGP
 QAITGLEPREVPLLHQQGGDPLERENFRHGPRFMTSEYNSKYLDPDLDQPDFLQKKSIGAKEGSGFTKQ
 SHQSPIVFPQPSQALPGDPALLPGQSVTKSDFLPKTHLHGDEFPLVLRGSKRETAFSRGNERILNPRVP
 PPCPEPSSVSHQQFQPLHRMQQTNVALLGRETGVKKEPTGFSLNPMYVRSPCDPPDRDQRYLTQYNYQGYF
 ENIPKGLDQEGWTRGGIQPMPPGGYALSQPVSCMEATPNPMECLRHLHPHVGRTLTADPFYQNTPHSSR
 CVAHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6851_g02.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_145017

ORF Size: 1275 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_145017.3](#)

RefSeq Size: 1558 bp

RefSeq ORF: 1278 bp

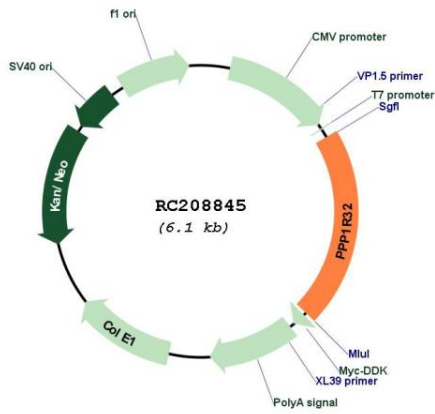
Locus ID: 220004

UniProt ID: [Q7Z5V6](#)

Cytogenetics: 11q12.2

MW: 47.3 kDa

Product images:



Circular map for RC208845