

Product datasheet for **RR214166**

Parp3 (NM_001008328) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp3 (NM_001008328) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Parp3
Synonyms:	Adprt13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR214166 representing NM_001008328
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCAAACGGAAATCTTCCATGCAAACCGAGGGCTCCAAGAAGCAACGACAGGGCACAGGGGAGG
 AAGGCAGCTTCCGGTCCACTGCCGAGGCTCTCAGAGCAGCTCCTGCTGGTAATCGCATCATCCGTGTGGA
 TCCCCATGTCCACTCAGCGGGAACCCCGAAATTCAGGTCCACGAGGACTACGACTGTACCTGAACCGAG
 ACCAACATCGGTAACAACAATAAAGTTTTACATCATCCAGCTGCTGGAGGAGGGCGGTCGCTTCTCCT
 GCTGGAATCGCTGGGCGGAGTGGGAGAGGTGGGCCAGAGCAAGATGAACCACTTCGGCTGCCTGGAAGA
 TGCAAAGAAGGACTTTAAGAAGAAATTTGGGAGAAGACTAAAAACAATGGGAGGAGAGAGACCATTTTC
 GTGGCCCATCCCAACAAGTACACACTTATAGAAGTTCAGGGAGAAGCAGAGACCCAAGAGGCTGTAGTGA
 AGGTGGACGGCCAGTGGAGACTGTGTTAAGCCCTGCTCCCTAGACCCTGCCACCCAGAAACTCATCAC
 CAACATCTTCAGCAAAGAGATGTTCAAGAACGCTATGACCCTCATGAACCTGGATGTGAAGAAGATGCC
 TTGGGAAAGTTGAGCAAACAGCAGATTGCTCGTGGCTTCGAGGCCCTTGAAGCTCTAGAGGAGGCCATGA
 AAAACCCACAGGGGACGGCCAGAGCCTGGAAGAGCTGTCTCCTGTTTCTACACTGTATCCACACAA
 CTTTCGGCCGTAGCCGACCTCCACCCATCAACTCCCCTGACATTCTTCAGGCCAAGAAGGACATGTTGCTG
 GTGCTAGCGGACATCGAGCTGGCGCAGACCTTGCAGGCAGCCCCTGGTGAGGAGGAGAAAGTAGAAGAGG
 TACCCCATCCACTGGATCGAGACTACCAGCTCCTCAAGTGCCAGCTTCAACTGCTGGACCCTGGGGAGTC
 CGAGTACAAGGCCATACAGACCTACTTAGAACAGACTGGCAACGGCTACAGACGCCAGACCTGCAGCAT
 GTTTGGAAAGTGAACCGAGAAGGGGAGGGAGACAGGTTCCAGGCCACTCAAACCTGGGCAATCGGAGGC
 TGCTGTGGCATGGCACCACGTGGCCGTGGTGGCTGCCATACTGACCAGTGGGCTCAGAATCATGCCGCA
 TTCAGGTGGTCTGTTGGCAAGGTATCTATTTTGCCTCGGAGAACAGCAAGTCAGCTAGCTATGTTACT
 GCCATGCGCTGTGGGAGCCACCAGTGGGCTACATGTTCTGGGCGAGGTGGCCCTCGGCAAGTGCACC
 ACATCACCATGGATGATCCCAGCTTGAAGAGTCCACCCCTGGCTTTGACAGCGTCATCGCCGAGGCCA
 AACAGAGCCTGATCCAGCCAGGACATTGAACTACAGCTGGATGGGCAGCCCCTGGTGGTGCCTCAAGGC
 CGACCTGTGGCATGCCATCCTTCAAAGCTCCAGCTTCAGCCAGAGTACCTCATCTACAAGGAGA
 GCCAGTCCGCTGCGCTACCTGCTGGAGATTCACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214166 representing NM_001008328
 Red=Cloning site Green=Tags(s)

MAPKRKSSMQTEGSKKQRQGTGEEGSFRSTAEALRAAPAGNRIIRVDPPCPLSGNPGIQVHEDYDCTLNQ
 TNIGNNNKFIYIQLLEEGGRFSCWNRWGRVGEVQSKMNHFGCLEDAKKDFKKKFWEKTKNKWEERDHF
 VAHPNKYTLIEVQGEAETQEAVVKVDGPVRTVFKPCSLDPATQKLIITNIFSKEMFKNAMTLMNLDVKKMP
 LGKLSKQIARGFEALEALEAMKNPTGDGQSLEELSSCFYTVIPHNFGRSRPPPINSPIQLQAKKDMLL
 VLADIELAQTLQAAPGEEEEKVEEVPHPLDRDYQLLKQQLLDPGESEYKAIQTYLEQTGNGYRRPDLQH
 VWKVNREGEGDRFQAHSKLGNNRLLWHGTNAVVAAILTSLRIMPSSGGRVKGKIYFASENSKSASVVT
 AMRCGSHQVGYMFLGEVALGKVHHITMDDPSLKSPPPFGDSVIARGQTEPDPAQDIQLDGPVVVPQG
 RPVACPSFKSSSFQSEYLIYKESQCRLRYLLEIHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001008328

ORF Size: 1578 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_001008328.1](#), [NP_001008329.1](#)

RefSeq Size: 2123 bp

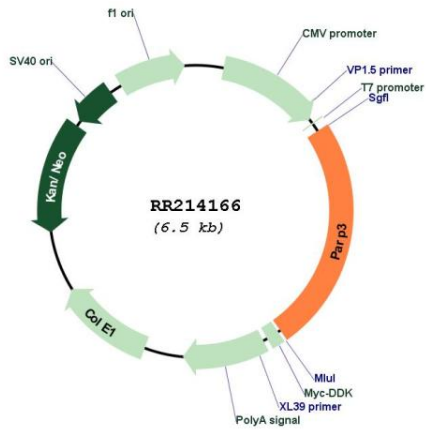
RefSeq ORF: 1581 bp

Locus ID: 300985

Cytogenetics: 8q32

MW: 58.9 kDa

Product images:



Circular map for RR214166