

Product datasheet for **RR210800**

Parp6 (NM_001106828) Rat Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Parp6 (NM_001106828) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Parp6 |
| Synonyms: | RGD1310937 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RR210800 representing NM_001106828
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTAGAAGGAGATAATGAATCAGAGGAGTTTCTGT
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTTTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT
 GAAGGAGATCTACAGCGAGAACTCCGTGTCCATCAGAGAATATGGAACATCGATGATGTGGACATTGAC
 CTCCACATTAACATCAGCTTCTCGATGAAGAAGTATCTACAGCTTGAAGGTCTCCGAACAGAACCTA
 TTGTGTTGAGGCTACGGTTTTCTCTCCAGTACCTTGATGGACCAGAACCATCAATCGAGTTTTTCCA
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTTCAGTTGAAAAAATCTGTATATGTTTACATCCCAA
 CAATGGAAGCATCTGAGCAACGATCTCCTGAAGACCCAGCAGGAGAAGAGACACAGTTGGTTCAAGGCGA
 GTGGTAGCATCAGGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTTCC
 TATCATACAGGACTCCATGCTGAAGGGCAAACCTGGGTGTACCAGAGCTTCGAGTTGGACGCCTTATGAAT
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCCAGGCAG
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTACAGATTATGAAGTATGCAGAGCAGAGGGTCCG
 ACGTTGAATGAGTACTGTGTGGTGTGTGATGAGCAGCAGCTTCCAGAAATGGGTCCATGCTCAAGCCAG
 CTGTCTGTACTCGGGAGTTATGTGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCTGGTGGCCATGTGTAGAGCAGCTTTGGAGTCCCCTAGA
 AAAAGCATCATCTTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTGGCCTTTAACC
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGTCTATTCGGGAGATGACCCA
 GGGCTCATATTTGGAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCTCTTCTGCAGTGG
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATGCACACCTCAC
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACCGCAAGAAGCTCTACGG
 AAGCACCTTTCCTTCCATGGGTCCCACATTGAGAATTGGCATTCAATCTGCGCAATGGGCTGGTCAAT
 GCATCCTACACTAACTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
 GTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGACGAGCTGGTCCA
 GAGATAACAACAGGATGAACACCATCCCCAGACCCGATCCATTCAAGGTTCTGCAGAGTCCGAAT
 CTAACACTGTATAGCACTCTGTGAAGTATTACATCTAAGGACCTCCAGAAGCATGGAACATTTGGGTGT
 GCCTGTGTCTGACCATGTCTGCACAAGGTTCTTCTTTGTATATGAGGATGGGCAAGTGGGCGATGCCAA
 CATTAATACTCAGGACCCCAAGATACAGAAGGAAATCATGCGTGTGATTGGAACCTCAGGTTTACACAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR210800 representing NM_001106828
 Red=Cloning site Green=Tags(s)

MDIKGQFWNDDDDSEGDNESEEFLYGVQGSAAADLYRHPQLDADIEAVKEIYSENSVSIREYGTIDVDVID
 LHINISFLDEEVSTAWKVLRTPEIVLRLRFLSLQYLDGPEPSIEVFQPSNKEGFLGLQLKKILYMFTSQ
 QWKHLNDLLKTQEKRHSWFKASGSIRKFRAGLSIFSPIKSPSPFPIIQDSMLKGLGVPPELRVGRLLMN
 RSI SCTMKNPKVEVFGYPPSPQAGLLCPQHVGLPPPARTSPLVSGHCKNIPTLEYGFLVQIMKYAEQRVP
 TLNEYCVVCDEQHVFNQNSMLKPAVCTREL CVFSFYTLGVMSGAAEEVATGAEVVDLLVAMCRAALES
 PRKSIIFEPYPSVVDPTDPKTLAFNPKKNYERLQKALDSVMSIREMTQGSYLEIKKQMDKLDPLAHPLLQW
 IISNRSHIVKLP LSR LKFMHTSHQFLLLSPPAKEARFRTAKKLYGSTFAFHGSHIENWHISILRNGLVN
 ASYTKLQLHGAAYGKGIYLSPISSISFGYSGMGKGQHRMPSKDEL VQRYNRMNTIPQTRSIQSRFLQSRN
 LNCIALCEVITSKDLQKHGNIWVCPVSDHVCTRFFVYEDGQVGDANINTQDPKIQKEIMRVIGTQVYTN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001106828

ORF Size: 1890 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_001106828.1](#), [NP_001100298.1](#)

RefSeq Size: 2610 bp

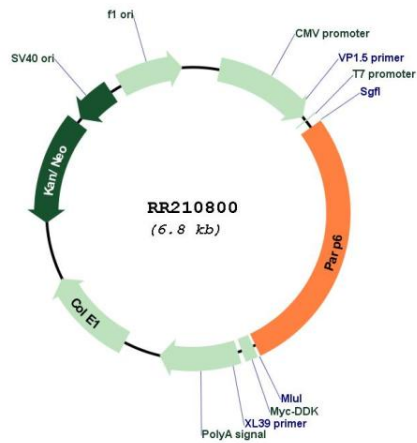
RefSeq ORF: 1893 bp

Locus ID: 300759

Cytogenetics: 8q24

MW: 71.2 kDa

Product images:



Circular map for RR210800