

Product datasheet for RN217691

Parp14 (NM_001191659) Rat Untagged Clone

Product data:

| | |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Parp14 (NM_001191659) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Parp14 |
| Synonyms: | RGD1310490 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN217691 representing NM_001191659 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCGTCGGGTCCCTTCCCCTGCTGGTCGAGGGCTCTTGGGGTCCCGACCCCGAAGAACTTGA
TCAACAAGTTGCAAAATGTAAGTCCAGAGCCGGAAGAAATCTGGAGGAGGGGAGTGCAGAGTCTCCCGGA
GCCCGGAACCCAGCAGCCTTCTGGTCTCTTCTCCCGGAGGATGTTCCGAGAAATGTTCTGGAGAAA
GAGAATCATGAGTTAGTGTGGCAAGGAAAAGAACATTCAAAATGACCGTCCAGTTGCCCGCAGACCCAG
GGCAAGCCTCAGTCTCTAAGAAGCAATTCAGAAGAGGAGTCCAAGACAAAAGAAGATGCTGTGAAACC
AGGTGATTTGGACACAACACCTTCTCCAGCAGCAGATCAGAAGAAATGGAAGATGTCCAAAAGAAATGT
GAAAATATTTCTCCATGGTGGCATTGAAACAACGCCCAGAAAAGTATCGGAGATGGTGTGACCTTCC
TGGTGGAGAATATAAGTGGCCTCCCTAGTGATGATTTTAAAGTGGAAATGATCCGAGATTTCCGCTTTGC
TGTGGTTACCTTTCAGAAAGCCTATAGATACCAAAAAATTTATTATTGATTGTATCAGCCACCGCTCAAA
CAACAACCTCAACTTGTCCCGAGACTTCTGAAACGACCAATGTAGTGAGGGTGGAGAACCTGCCTCCTG
GGTGGATGATTACCAGCTGCAACTCTTCTTTGAAAACCTTTCAACGGGGTGGTAGGGTGCCTCCGAGT
TGAGTGTTCCTCCGAAGAGAGTTCGGCGCTGGTTGAGTTTTGTGACAGCAAAGTGTAGACACCATTATG
GCCAAGAAACACAGTTTCAACAAGATGCCGCTGTCTGTCTTCCCATATTACCCCTCCCTGGGCACAGCCT
TGTATGGTGAGGAGAAGCCTCTGGTCAAGCTTCCAGCATCTTCCAGGAGTCCCTGGATCTTCTTTGTG
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CTGACGTGGTCTGAAATCAACGGTAAACTGACCGTCAGACCGGCCGCCACCTTAGTCAGTCACAGACCGA
GCATCAAGACCTGGCAGAGGGATGCGTCCGAGCACTCTCTGGCATCAGGTCTAAATATGATGTGATGGT
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AACTAATAGAGCGCACCACTGAAAAGCTCAGAAGGAAGAGCAGAGTCTGGAGGAGAAAAGTGCCATTTCT
CTCGGAAAGCATTCTTCTGTACCACAGTGGCTTCTGAAGGATCTAAGCAAAGAGTACCCGGAGATG



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GAGATCTCTTACGATGCCACGGCTCAGTACCTGTGCATTAAAGGCCTCCGTGCAGATGTGTACAAAGTAA
 AGTGTGAAATCCAAGAAAAGGTGTTTTCCATGGCTCAGAAAAATGTCCCGGTTTCTTCCGAAGTCTTCAG
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 ACTCAACAAAGGACCCCTTTCTCAGGCTTCTTGGAAAAGTGTGGGCCAGAACTCCAGGAGGAATTGACC
 AAGGCAGGACAAGGGGTCTCTGTCAAGTGTGGGTACAGTCTTCAAACAGCGGCTGTAATCTGAACAGCC
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 GTTTCTCGCTTGGCTCAACAGGGTAAAGAGTACATAGTCACTGGAGGTGGATTATTGAAATGTAAGAGTA
 TTATTCATGTTGATGGTGGGAATGATGTCAAGAGATCAGTTTCTGTATTTTGGAAAGATGTGAACAACG
 CAGTTTCTCATCCATTTGTCTACCAGCTATTGGCACAGGAAGCGCTCAACAGGATCCAAGGTAGTAGCA
 AAAGCGGTATTGGATGCCATTGAAGAATTTGTCCAGAAGAAATCAGTGCAGGCTGTGAAGAGAGTTAAAG
 TTGTTATCTTCCAGCCCCATATTCTGCAATTTTCTATGACAACATGAAAGAAAGAGAAGGTTCTCCAGC
 TCCTGTCAAGCCGTCAGTGTCTAAGATTGCCTCCTTCTTGGCTTTCCAACACAAGCTTCAACCCCA
 AAGAACCCTGGTTTTTGGAAAAGAAAATGAGCTCACAGTTTTTCCAGATATGTGGCCAGGTGTAGACA
 GTGTGGAAGGTACAATCTCCTGGCTAAAGAGTCTGATTACCAAAGAGCAGTTTTCTTCCACCAATGAGGA
 CGAGTGTGTGAGAGACTTTGACACCGAGGAGTACAGGAAACTGAATGAGATGCAGAAGAGGCTGAACATC
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 CTCTACATTTGTGAATGGCAATATATTGCTAATAACACCACACGGTGTGTTGACAAGATAGCCAACATG
 CAGTTGGAGGATGCATGGAAGGCAAAGAAGAAGCACACTGTTGTCAAAAATCAGAATCAGGACTTACGG
 TGGACTTGAGCACAACACAGCCACGGCTCCCCAAGGACTGAGTTTCACTGTCCAGCGACTCTCAAAGC
 TGAAGCTGAAATTCCTGCCAATTGGAGTATATGAAGCAGAACAATGCTTGTGGTGTGAGTGTGCAAAC
 AGTGTGCGGAGTACACCATGGTATCCAGGGCCTTCCATCAGACCTGCCAAAATTTGTCTATAGAGAAGA
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 TGGCAATGTGATAAATGAGAAGCAACTTCCATGGGACGGAGTTTGGCTCTCTGGCACAGCTCAACAGT
 AATGGATTAACCGCAGCTATGCTGGGAAGAAGCTACAGCCTATGGGAAAGGAACCTATTTTGCAGTCA

ATGCTTCCTATTCTGCCCATGACACATATTCCAAACCAGATGCCAATGGGAAAAAGTATATGTATTATGT
 GCGGGTCTCACTGGAACTACACACAAGGAAACGCATCACTGATTGTGCCTCCTTCAAGGGACCCTCAA
 AATGCTACTGACTTGTGGACTGTGCGAGATAATGTTATAAATCCGAGTATATTTGTAGTGTGTTTATG
 ACAATCAAGCATACCCTGAGTATCTTATCACATTTAGGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001191659 |
| Insert Size: | 5364 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <ol style="list-style-type: none"> 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: | <u>NM_001191659.1, NP_001178588.1</u> |
| RefSeq Size: | 7087 bp |
| RefSeq ORF: | 5364 bp |
| Locus ID: | 303903 |
| Cytogenetics: | 11q22 |