

Product datasheet for **RN214180**

Ppp1r15a (NM_133546) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r15a (NM_133546) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r15a
Synonyms:	Gadd34; Myd116; Peg-3; RGD1624209
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214180 representing NM_133546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCAAGCCCAAGACCCAGCATGTCCTGCACTGGAAGGAAGCCACTCTTTCTACCTCCTGTCTC
 CACTGATGGGCTTCCTCAGCCGGCCTGGAGCCGCTGAGGGGGCCGAGGTCTCAGAGGCTGGTTGGC
 AGAAACAGTAGCAGGAGCAAACCAGATAGAGGCTGATGCTCTGTTGACGCCTCCCCGGTCTCTGAAAAT
 CACCTACCTCTCCGAGAGACTGAAGAAAATGGAACCTCTGAATGGAGTAAAGCAGCCAGAGGCTCTGCC
 TTGATGTGGAAGCCAAAGTTCCCTCCTAAAACCTGGGGACTTTCAGATATTGATGAACATAATGGGAA
 GCCAGGACAAGATGGCCTTAGAGAGCAAGAAGTGGAGCACACAGCTGGCCTGCCTACACTACAGCCCTT
 CACCTGCAAGGGCAGATAAGAAAGTTGGGGAGGTGGTGGCTAGAGAAGAGGGTGTGTCCGAGCTGGCTT
 ATCCCACATCACACTGGGAGGGTGGTCCAGCTGAGGATGAAGAGGATACAGAAACCGTGAAGAAGGCTCA
 CCAGGCCCTCTGCTGCTTCCATAGCTCCAGGATATAAACCCAGCACTTCTGTGTATTGCCAGGGGAGGCA
 GAACATCGAGCCACGGAGGAAAAAGGAACAGACAATAAGGCTGAACCCCTCAGGCTCCCACTCCAGAGTCT
 GGGAGTACCACACTAGAGAGAGGCTAAGCAGGAGGGAGAACTAAGCCAGAGCAACACAGGGCAGGGCA
 GAGTACCCTTGTGAGAAATGCAGAGGCTGAGGAAGGAGGACCTGAGACTTCTGTCTGTTCTGGCAGTGCC
 TTCCTGAAGGCCTGGGTGTATCGCCAGGAGAGGACACAGAGGAGGAAGAAGACAGTGATTTGGATTGAG
 CTGAGGAAGACACAGCTCATACCTGTACCACCCCCATACAAGTGCCTTCTGAAGGCCTGGGTCTATCG
 CCCAGGAGAGGACACAGAAGAGGAAGATGACGGTGATTGGGATTGAGTGAAGAACACAGCTCAGAGC
 TGTACCACCCCCATACAAGTGCCTTCTGAAGGCCTGGGTCTATCGCCAGGAGAGGACACAGAAGAGG
 AAGACGACAGTGAGAATGTGGCCCAAGTTGACTCAGAAACAGTTGACTCTTGCCAGAGTACCCAGCATTG
 TCTACCAGTAGAGAAGACCAAGGGATGTGGAGAAGCAGAGCCCTCCCTTCCAGGTGGCCTTCTATTTA
 CCTGGACAGAAGCCAGCACACCTTGGGCTGCCCTAAGCTGCCCTTCCACTGCAGAAGCGGCTCAGAT
 CTTTCAAAGCCCCCGCCGGAATCAGGACCCTGAGATTCTCTGAAGGGTAGAAAGGTGCACTTCTCTGA
 GAAAGTTACAGTCCATTTCTTGTCTGTCTGGGCAGGACCAGCCAGGCTGCTCGTCGAGGCCCTGGGAG
 CAGTTTGCACGAGATCGAAGCCGCTTGTCTGACGCATTGCCAGGACAGGAGCAGCTGGGTCTTACC
 TTACCCTGCTTTCAGGGCCAGAGCATGGACACGCCTTAGAAACCTACCCCTTCTCTGTCGTCCTCGTC
 TCTTCCACTGCCTGAGCCTTGTCTTCCACTGAGGCCACACCCCTCAGCCAAGATGTGACCACTCCCTCT
 CCCCTTCCAGTGAATCCCTCCTCCAGCCTGGACTTGGGAGGAAGCGGGGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_133546
- Insert Size:** 1737 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).
- 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_133546.3](#), [NP_598230.2](#)

RefSeq Size: 2051 bp

RefSeq ORF: 1737 bp

Locus ID: 171071

UniProt ID: [Q6IN02](#)

Cytogenetics: 1q22

Gene Summary: displays increased expression during progression of transformation and in response to DNA damaging agents [RGD, Feb 2006]