

## Product datasheet for **RN202387**

### **Parg (NM\_031339) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Parg (NM_031339) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Parg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202387 representing NM\_031339  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTGGCGGCCCGGCTGTGAGCCCTGCACGAAGCGGCCCGTGGGGTGCCCGTGGAACTTCTGCGC  
 CGACTGCCTCGGACTCCCGGAGCTTCCCTGGCAGGCAGAAAGCGCTTCTCGACCCTAAGGACGCTCCCGT  
 ACAGTTACAGGTTCCACCGTCTCGTCAGCCTGCGTCTCGGGCGGGCGGACCGCACAGAGGCAGCGTC  
 ACCTCGTTGTTTTCAAACAAAAGCCTATTACCACTTGGATGGATACTAAAGGACCAAGACAGCTGAAT  
 CAGAAAGTAAAGAAAACAACAATACCAGGACTGACCCCATGATGAGTTCTGTGCAGAAAGATAACTTTTA  
 CCCACATAAGGTAGAGAAATTGGGAAATGTTCTCAACTAAATCTTGATAAATCACCCACTGAGAAGAGC  
 ACGCCGATTTGAACCAACAGCAGACTGCAGGCGTGTGCAAGTGGCACAGTGCAGGGGAGCGTGCAGAGC  
 AGCTCTCGGCCAGCGAGCCTTCAGCAGTACTCAGGCACCAAAGCAGCTTAGTAATGCGAACATTGATCA  
 GTCACCCCAACTGATGGCCACAGTGCACCGATCATGAGGAAGACAGAGACAATCAACAGTTTCCTTACG  
 CCCGTGAAGCTTGCAAATGCAAAGCAAACAGTAGGGGATGGGCAAGCCAGGAGCAACTGTAAGTGCAGTG  
 CGTCTTGTCAGTGTGGGCAAGACTGTGCAGGCTGTGAGCGGGAGGAGGCCGATGTCATACAGAGAGTCC  
 TTTGTCAGATGTTGGCGCTGAGGACATTGGAAGTGGATCAAAAAATGACAACAAGTTGACTGGACAAGAA  
 AGTGGCCTCGGTGATTACCTCCGTTTGAGAAAGAAAGTGAAGCCTGAGTACCAATGGATGTAGACAAC  
 CGAAAACAGTTGTCAAGATTGAGAAGCAGATGAAGAAGCAAGTCCAGTCTTTGATGAGCAAGACGACCA  
 AGACGACCGCTCTTCCAGACAGCAAATAAACTTTCAAGTCGCCAAGCAAGAGAAGTTGACGGCGATCTT  
 AGGAAACGCTATTTGACTAAGGGAAGTGAATTAGATTGCATTTCCAGTTTGAAGGAGGGAGTAAATGCTG  
 GGACAGTGATTTAAATGCCAAGCCATCTGGAACTCTTCTAGCCTTAATGTAGACGGTGAAGTTCCAA  
 GCAGCATGGAAAAAGGGATTCTAAAAATTACAGATCATTGTTGTGAGAATCCCAAGTCAGAGGACAAAAGA  
 AAAGAACAATGTGAAGTCAAGATCAAAGAGCAGAAAGGAAGATCCCTAAATACGTTCCACCTAACCTTC  
 CTCAGATAAGAAGTGGTTGGGAACTCCTATTGAGGAAATGAGAAAAATGCCTCGGTGTGGGGTCCGCT  
 GCCTCTCTTAAGACCGTCTGCAAGCCACACAGTAACTGTCCGGGTAGACCTTCTGAGAGCAGGAGAGGT  
 CCAAAACCGTTTCCAACACATTACAAAGATTTGTGGGATAATAAGCACGTTAAAATGCCTTGTTCAGAAC  
 AAAACTTGTACCCTGTGGAAGATGAGAATGGTGAAGCAACTGCAGGGAGTAGTGGGAGCTCATTGAGC  
 CGCACTCTCAACAAATTCACGCGACCCAGAACCTGAAGGATGCTATTCTGAAGTACAATGTGGCATA  
 TCTAAGAATGGGACTTTACAGCTTTGGTTGATTTCTGGGATAAGGTACTTGAAGAAGCAGAAGCCCAAC  
 ATTTGTATCAGTCCATTTTACCCGACATGGTGAATTTGCACTCTGTCTGCCAAATATTTGCACCCAGCC  
 AATACCACTTCTGAAACAGAAGATGAACCACTTCTGTACAGATGTACAGGAACAGATCGCCAGTCTTCTG  
 GCTAATGCTTCTTCTGCACATTTCCCGGACGGAATGCCAAGATGAAATCGGAGTATTCTAGTTACCCAG  
 ACATTAACCTTCAATCGGTTGTTTGAAGGACGTTTCAAGGAAACAGAGAAACTGAAAACACTCTTCTG  
 CTACTTTCGAAGAGTCAAGAGAAAAAACCCTACTGGATTGGTGACGTTTACAAGACAGAGTCTTGAAGAT  
 TTTCCAGAATGGGAAAGATGTGACAAACCTCTGACACGCTTACATGTCACCTTACGAGGGTACCATAGAAG  
 GCAACGGCCGAGGCATGCTCCAGGTGGATTTTGCGAATCGTTTGTGGAGGTGGTGAAGTGGTGCAGG  
 ACTTGTACAAGAAGAAATCCGATTTTTAATCAATCCTGAGTTGATTGTTTTCACGGCTCTTCACTGAGGTG  
 CTGGATCACAAATGAATGTCTTATTATCACAGTACTGAACAGTACAGTGAATACACGGGCTATGCTGAAA  
 CTTATCGTTGGGCCCGGAGCCACGAAGATGGGAGTGAAGAAGGATGATTGGCAGCGATGCTGCACGGAGAT  
 CGTCGCCATTGATGCACTTCACTTCAAGCAGCTACCTCGATCAGTTTGTGCTGAGAAAGTGAAGCAGTGA  
 CTTAACAAGGCTTACTGTGGATTCTCCGCTCCTGGCGTTCCTCCTGAGAACCTCTCTGCAGTGGCCACAG  
 GAAACTGGGGCTGTGGTGCCTTTGGGGCGATGCTAGATTAAGCCTTAATACAGTTACTGGCCGCTGC  
 TGCCGCTGAACCGGATGTGGTTTATTTCACTTTCCGGGACTCAGAGTTGATGAGAGACATTTACAGCATG  
 CACTTTCTCACTGAGAGGAACTGAATGTCGGGAAAGTGTACAGTTACTGCTTAGATACTACAGGG  
 AAGAGTGCAGAGACTGCTCCAGCCCTGGACCAGACCAAGCTCTATCCATTCATATACCATGCTGCCGA  
 GTCAGTGCAGAGACCTCCGACCAGCCAGGACAGAGGACGGGCACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_031339
<b>Insert Size:</b>	2919 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031339.1</a> , <a href="#">NP_112629.1</a>
<b>RefSeq Size:</b>	3974 bp
<b>RefSeq ORF:</b>	2919 bp
<b>Locus ID:</b>	83507
<b>UniProt ID:</b>	<a href="#">Q9QYM2</a>
<b>Cytogenetics:</b>	16p16
<b>Gene Summary:</b>	catalyzes the process of poly(ADP-ribosyl)ation of proteins; plays a role in telomere maintenance and suppressing recombination atDNA ends [RGD, Feb 2006]