

## Product datasheet for SC117822

### PARG (NM\_003631) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | PARG (NM_003631) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | PARG  |
| Synonyms:                 | PARG99  |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u><a href="#">pCMV6-XL5</a></u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC117822 sequence for NM_003631 edited (data generated by NextGen Sequencing) |

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ATGAATGCGGGCCCCGGCTGTGAACCTGCACCAAGCGACCCCGCTGGGGCGCCGCTACA
ACTTCGCGCGCTCTTCGACGCCCCGGAGCTTTCCCAGCAGGCAGAGCGCGTCCCTCGAC
CCCAAGGACGCTCACGTGCAGTTCAGGGTCCCACCGTCCCTCGCCAGCCTGCGTCCCAGGG
CGGGCGGGACAGCACAGAGGCAGCGCCACCTCGCTTGTTCACAAACAAAGACTATTACC
AGTTGGATGGACACTAAAGGAATCAAGACAGCGGAATCAGAAAGTTGGATAGTAAAGAA
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CATAATGTAGAAAAATTAGAAAAATGTTTCTCAGCTAAGTCTTGATAAGTCACCCACTGAA
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ACAGTAACTATTCGGGTAGATCTTTTGGCAGCAGGAGAAGTTCCTAAACCTTTTCCAACA

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CATTATAAAGATTTGTGGGATAACAAGCATGTTAAAATGCCTTGTTCAGAACAAAATTTG  
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ACATTTCCACGAGAAATGCTAAGATGAAATCGGAGTATTCTAGTTACCCAGACATTAAC  
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AGAAACTGTTCCACCCCTGGACCAGACATCAAGCTTTATCCATTATATACCATGCTGTC  
GAGTCTGTGCAGAGACCGCTGACCATTAGGGCAAAGGACAGGGACCTGA

Clone variation with respect to NM\_003631.2  
669 g=>a

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_003631 unedited  
TGTATACGACTCACTTATAGGGCGGCCGATTTGGCACGAGGGCAGGTGGGGTCCAG  
TGAAGAGGGAAGGCAGGCGAGTGTTCAGGCCTGACTTGGGAGGCCGGCGGATCAGCAA  
TTGCAGAAGCAGGACGGCAGAGAGGGAATGGTGCAGGCAGGCCTGAGAAGGAGGCGC  
AGTCCATCTCTCAGGGTTAGTGAATGAGGCTCTCCGCCGGGCCGGCCGGGGACAGT  
GCGCTGCTGGTCCAGCATGAATGCGGGCCCCGGCTGTGAACCCTGCACCAAGCGACCCC  
GCTGGGGCGCCGCTACAACCTCGCCGGCTGCTTCGGACGCCCGGAGCTTTCCAGCAGGC  
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CAGCCTGCGTCCCAGGGCGGGCGGACAGCACAGAGGCAGCGCCACCTCGCTTGTTTTCA  
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ATAAGTACCCACTGGAAAAAGTACACAGTATTTGAACAGCATCAGACTGCAGNCATGG  
TGTAAGTGGCANAATGAAGGGAAACACACGGAGCAGCTTTGGNAAAGTGAACCTCAACAG  
TAACCCTGGTACCAGAGCAGNTTAGTAATGCTACCATTGATCGGNCACCTCAAATGATGA  
TCCCAGTGCACAGATAGTGAAGAGATAGAGACATCACAGTTTCTACACTGTAAAGCTTGC  
AATGCAAGCAACTACAGAGATGACAGCCANAAAAN



**Gene Summary:**

Poly(ADP-ribose) glycohydrolase (PARG) is the major enzyme responsible for the catabolism of poly(ADP-ribose), a reversible covalent-modifier of chromosomal proteins. The protein is found in many tissues and may be subject to proteolysis generating smaller, active products. Several transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Jan 2015]

Transcript Variant: This variant (1) encodes the longest isoform (a).