

## Product datasheet for **MC219628**

### Parp6 (NM\_029922) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (NM_029922) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Parp6
Synonyms:	1700119G14Rik; 2310028P13Rik; 3110038K10Rik; ARTD17; C030013N01Rik; PARP-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219628 representing NM\_029922  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTGAGAGGAGATAATGAATCAGAGGAATTTCTGT  
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT  
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC  
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA  
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA  
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTCAGTTGAAAAAATCCTGTGTATGTTACATCCCAA  
 CAATGGAAGCATCTGAGCAATGATTTCTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA  
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTCC  
 TATCATAACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT  
 CGTTCATTTCTGCACCATGAAGAACCCAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCAGGTCA  
 GTGGTCACTGCAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCA  
 GAGGATTTCAACGTTAAATGAGTACTGTGTGGTTGTGATGAGCAGCATGCTTCCAGAATGGGTCCATG  
 CTCAAGCCAGCTGTCTGACTCGTGAAGTATGCGTCTTCTCCTTACACACTGGGAGTCATGCTGGAG  
 CTGCAGAAGAAGTGGCTACAGGAGCAGAGGTGGTATGATCTGCTGGTGGCCATGTGTAGAGCAGCTTTGGA  
 ATCCCCTAGAAAAAGCATCATCTTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTG  
 GCCTTTAACCCCTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGTCCATCCGGG  
 AGATGACCCAGGGCTCATATTTGAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCTCT  
 TCTGCAGTGGATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATG  
 CACACCTCACACCAATTCTCCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGA  
 AGCTCTACGGAAGCACCTTTGCTTTCCATGGGTCCACATTGAGAATTGGCATTCAATCCTGCGCAATGG  
 GCTGGTCAATGCATCCTACACCAAAGTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGC  
 CCCATCTCCAGTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCAGGATGCCTTCCAAGGATG  
 AGCTGGTCCAGAGATAACAACAGGATGAACACCATCCCCAGACCCGATCCATTAGTCAAGGTTCTGCA  
 GAGTCGGAATCTAACTGTATAGCACTTTGTGAAGTGATTACGTCTAAGGACCTCCAGAAGCATGGGAAC  
 ATTTGGGTGTGCCCTGTGTCTGACCATGTCTGCACAAGGTTCTTCTTTGTATATGAGGATGGCAGGTGG  
 GCGATGCCAACATTAATACTCAGGACCCCAAGATTCAGAAGGAAATCATGCGTGTGATCGGAACAGGT  
 TTACACAAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_029922
- Insert Size:** 1833 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\\_029922.3](#), [NP\\_084198.2](#)

**RefSeq Size:** 2654 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 67287

**Cytogenetics:** 9 B

**Gene Summary:** Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.