

## Product datasheet for **MG207776**

### Parp6 (BC031387) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (BC031387) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Parp6
Synonyms:	1700119G14Rik; 2310028P13Rik; 3110038K10Rik; ARTD17; C030013N01Rik; PARP-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG207776 representing BC031387  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTGAGAAGGAGATAATGAATCAGAGGAATTTCTGT  
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT  
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC  
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA  
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA  
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTTCAGTTGAAAAAATCCTGTGTATGTTTACATCCCAA  
 CAATGGAAGCACCTGAGCAATGATTTCTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA  
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCCAAGTCTCCAGTTTTCC  
 TATCATACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT  
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCCAGGCAG  
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG  
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCAGAGGATTCCA  
 ACGTTAAATGAGTACTGTGTGGTTTGTGATGAGCAGCATGTCTTCCAGAATGGGTCCATGCTCAAGCCAG  
 CTGTCTGTACTCGTGAGTTATGCGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA  
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCTGGTGGCCATGTGTAGAGCAGCTTTGGAATCCCCTAGA  
 AAAAGCATCATCTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCCAAGACTCTGGCCTTTAACC  
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAAGTCTGGATAGTGTGATGTCCATCCGGGAGATGACCCA  
 GGGCTCATATTTGGAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCCTCTTCTGCGAGTGG  
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATGCACACCTCAC  
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGAAGCTCTACGG  
 AAGCACCTTTGCTTTCCAGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207776 representing BC031387  
 Red=Cloning site Green=Tags(s)

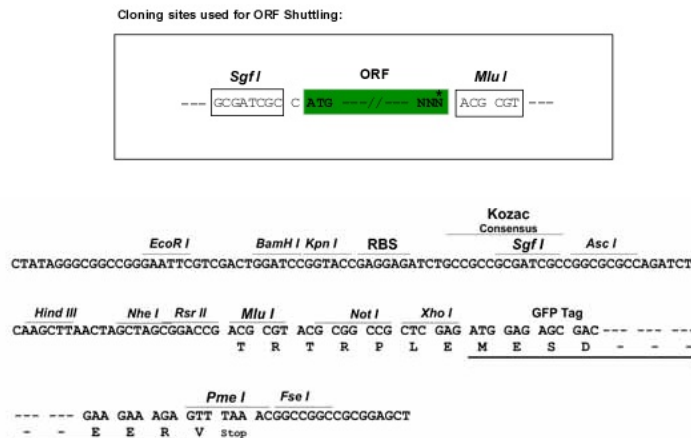
MDIKGQFWNDDDDSEGDNESEEFYGVQGSAAADLYRHPQLDADIEAVKEIYSENSVSIREYGTIDDVDLD  
 LHINISFLDEEVSTAWKVLRTPEIVLRLRFSLSQYLDGPEPSIEVFQPSNKEGFLGLQLKKILCMFTSQ  
 QWKHLSNDFLKTQEQKRHSWFKASGTIKKFRAGLSIFSPIPKSPSPFIIQDSMLKGLGVPELVRGLMN  
 RSI SCTMKNPKVEVFGYPPSPQAGLLCPQHVGLPPPARTSPLVSGHCKNIPTLEYGFLVQIMKYAEQRIP  
 TLNEYCVVCEQHVVFQNGSMLKPAVCTREL CVFSFYTLGVMSGAAEEVATGAEVVDLLVAMCRAALES  
 PR KSIIFEPYPSVVDPTDPKTLAFNPKKKNYERLQKALDSVMSIREMTQGSYLEIKKQMDKLDPLAHPLLQW  
 IISSNRSHIVKLPLSRLKFMHTSHQFLLLSPPAKEARFRTAKKLYGSTFAFQNGQRTAQDAFQ

TRTRPLE – GFP Tag – V

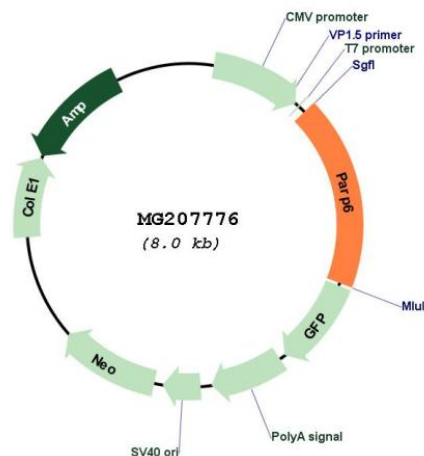
**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: BC031387

ORF Size: 1455 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:** [BC031387.1](#)

**RefSeq Size:** 2264 bp

**RefSeq ORF:** 1457 bp

**Locus ID:** 67287

**Cytogenetics:** 9 B

**Gene Summary:** Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins.  
[UniProtKB/Swiss-Prot Function]