

Product datasheet for **MG209601**

Parp6 (BC062096) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (BC062096) 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:

>MG209601 representing BC062096
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTAGAAGGAGATAATGAATCAGAGGAATTTCTGT
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTCAGTTGAAAAAATCCTGTGTATGTTTACATCCCAA
 CAATGGAAGCATCTGAGCAATGATTTCTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTCC
 TATCATACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCAGGCAG
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCAGAGGATTCCA
 ACGTTAAATGAGTACTGTGTGGTTGTGATGAGCAGCATGTCTTCCAGAAATGGGTCCATGCTCAAGCCAG
 CTGTCTGTACTCGTGAGTTATGCGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCAGGTGGCCATGTGTAGAGCAGCTTTGGAATCCCCTAGA
 AAAAGCATCATCTTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTGGCCTTTAACC
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGTCCATCCGGGAGATGACCCA
 GGGCTCATATTTGGAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCCTCTTCTGCAGTGG
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATGCACACCTCAC
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGAAGCTCTACGG
 AAGCACCTTGTCTTCCATGGGTCCCACATTGAGAATTGGCATTCAATCTGCGCAATGGGCTGGTCAAT
 GCATCCTACACAAACTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
 GTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGATGAGCTGGTCCA
 GAGATAACAACAGGATGAACACCATCCCCAGACCCGATCCATTCAAGGTTCTGCAGAGTCCGAAT
 CTAAACTGTATAGCACTTTGTGAAGTATTACGTCTAAGGACCTCCAGAAGCATGGGAACATTTGGGTGT
 GCCTGTGTCTGACCATGTCTGCACAAGGTTCTTCTTTGTATATGAGGATGGGCAGTGGGCGATGCCAA
 CATTAATACTCAGGACCCCAAGATTCAGAAGGAAATCATGCGTGTGATCGGAAGTCAAGTTTACACAAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209601 representing BC062096
 Red=Cloning site Green=Tags(s)

MDIKGQFWNDDDDSEGDNESEEFLYGVQGSAAADLYRHPQLDADIEAVKEIYSENSVSIREYGTIDVDLD
 LHINISFLDEEVSTAWKVLRTPEIVLRLRFLSLSQYLDGPEPSIEVFQPSNKEGFLGLQLKILCMFTSQ
 QWKHLNDFLKTQQEKRHSWFKASGTIKKFRAGLSIFSPIKSPSPFIIQDSMLKGLGVPPELRVGRLMN
 RSISCTMKNPKVEVFGYPPSPQAGLLCPQHVLPPPARTSPLVSGHCKNIPTLEYGFLVQIMKYAEQRIP
 TLNEYCVVCDEQHVVFQNGSMLKPAVCTREL CVFSFYTLGVMSGAAEEVATGAEVVDLQVAMCRAALES
 KSIIFEPYPSVDPTDPKTLAFNPKKKNYERLQKALDSVMSIREMTQGSYLEIKKQMDKLDPLAHPLLQW
 IISNRSHIVKPLSRLKFMHTSHQFLLLSPPAKEARFRTAKKLYGSTFAFHGSHIENWHISILRNLV
 ASYTKLQLHGAAYGKGIYLSPISSISFGYSMGKGQHRMPSKDELVQRYNRMNTIPQTRSIQSRFLQSRN
 LNCIALCEVITSKDLQKHGNIWCPVSDHVCTRFFVYEDGQVGDANINTQDPKIQKEIMRVIGTQVYTN

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC062096

ORF Size: 1890 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: [BC062096.1](#)

RefSeq Size: 2599 bp

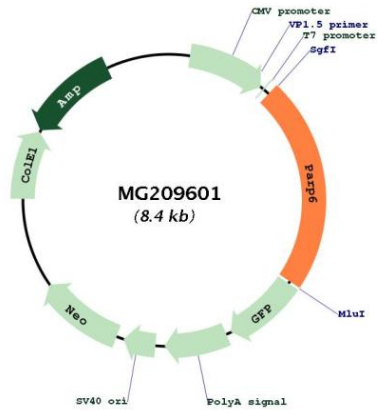
RefSeq ORF: 1892 bp

Locus ID: 67287

Cytogenetics: 9 B

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

Product images:



Circular map for MG209601