

Product datasheet for **MR209601**

Parp6 (BC062096) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (BC062096) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Parp6
Synonyms:	1700119G14Rik; 2310028P13Rik; 3110038K10Rik; ARTD17; C030013N01Rik; PARP-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209601 representing BC062096
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTAGAAGGAGATAATGAATCAGAGGAATTTCTGT
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTCAGTTGAAAAAATCCTGTGTATGTTACATCCCAA
 CAATGGAAGCATCTGAGCAATGATTTCTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTCC
 TATCATACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCAGGCAG
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCAGAGGATTCCA
 ACGTTAAATGAGTACTGTGTGGTTGTGATGAGCAGCATGTCTCCAGAATGGGTCCATGCTCAAGCCAG
 CTGTCTGTACTCGTGAGTTATGCGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCAGGTGGCCATGTGTAGAGCAGCTTTGGAATCCCCTAGA
 AAAAGCATCATCTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTGGCCTTTAACC
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGCCATCCGGGAGTACCCCA
 GGGCTCATATTTGAAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCATCCTCTTCTGCAAGTGG
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTCCTCAGCAGGCTGAAGTTCATGCACACCTCAC
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGAAGCTCTACGG
 AAGCACCTTGTCTTCCATGGGTCCCACATTGAGAATTGGCATTCAATCCTGCGCAATGGGCTGGTCAAT
 GCATCCTACACAAACTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
 GTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGATGAGCTGGTCCA
 GAGATAACAACAGGATGAACACCATCCCCAGCCGATCCATTCAAGTCAAGGTTCTGCAGAGTCGGAAT
 CTAAACTGTATAGCACTTTGTGAAGTATTACGTCTAAGGACCTCCAGAAGCATGGGAACATTTGGGTGT
 GCCTGTGTCTGACCATGTCTGCACAAGGTTCTTCTTTGTATATGAGGATGGGCAGGTGGGCGATGCCAA
 CATTAATACTCAGGACCCCAAGATTCAGAAGGAAATCATGCGTGTGATCGGAAGTCAAGTTTACACAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209601 representing BC062096
 Red=Cloning site Green=Tags(s)

MDIKGQFWNDDDDSEGDNESEEFLYGVQGSAAADLYRHPQLDADIEAVKEIYSSENSVSIREYGTIDVDL
 LHINISFLDEEVSTAWKVLRTPEIVLRLRFLSLQYLDGPEPSIEVFQPSNKEGFLGLQLKKILCMFTSQ
 QWKHLNDFLKTQEKRHSWFKASGTIKKFRAGLSIFSPIKSPSPFIIQDSMLKGLGVPPELRVGRLLMN
 RSI SCTMKNPKVEVFGYPPSPQAGLLCPQHVGLPPPARTSPLVSGHCKNIPTLEYGFLVQIMKYAEQRIP
 TLNEYCVVCDEQHVFNQGSMLKPAVCTREL CVFSFYTLGVMSGAAEEVATGAEVVDLQVAMCRAALES
 PRKSIIFEPYPSVVDPTDPKTLAFNPKKNYERLQKALDSVMSIREMTQGSYLEIKKQMDKLDPLAHPLLQW
 IISNRSHIVKLP LSRKFMHTSHQFLLLSSPPAKEARFRTAKKLYGSTFAFHGSHIENWHISILRNLV
 ASYTKLQLHGAAYGKGIYLSPISSISFGYSGMGKQHRMPSKDELVQRYNRMNTIPQTRSIQSRFLQSRN
 LNCIALCEVITSKDLQKHGNIWVCPVSDHVCTRFFVYEDGQVGDANINTQDPKIQKEIMRVIGTQVYTN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_g03.zip

Restriction Sites: SgfI-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.

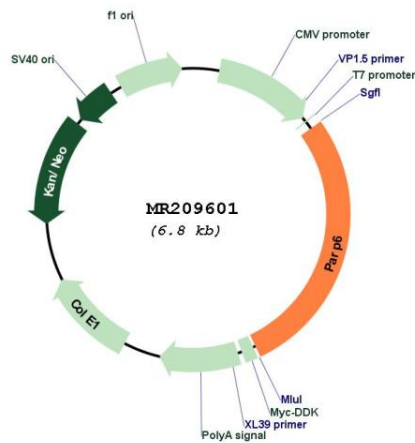
RefSeq: [BC062096.1](#)

RefSeq Size: 2599 bp

RefSeq ORF: 1892 bp

Locus ID: 67287
Cytogenetics: 9 B
MW: 71.2 kDa
Gene Summary: Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209601