

Product datasheet for **MR230736**

Parp6 (NM_001205239) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (NM_001205239) 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:

>MR230736 representing NM_001205239
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTAGAAGGAGATAATGAATCAGAGGAATTTCTGT
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTCAGTTGAAAAAATCCTGTGTATGTTTACATCCCAA
 CAATGGAAGCATCTGAGCAATGATTTCTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTCC
 TATCATACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCAGGCAG
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCAGAGGATTCCA
 ACGTTAAATGAGTACTGTGTGGTTGTGATGAGCAGCATGTCTCCAGAAATGGGTCCATGCTCAAGCCAG
 CTGTCTGTACTCGTGAGTTATGCGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCTGGTGGCCATGTGTAGAGCAGCTTTGGAATCCCCTAGA
 AAAAGCATCATCTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTGGCCTTTAACC
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGCCATCCGGGAGATGACCCA
 GGGCTCATATTTGAAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCCTCTTCTGCAAGTGG
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATGCACACCTCAC
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGAAGCTCTACGG
 AAGCACCTTTGCTTTCCATGGGTCCCACATTGAGAATTGGCATTCAATCTGCGCAATGGGCTGGTCAAT
 GCATCCTACACAAACTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
 GTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGATGAGCTGGTCCA
 GAGATAACAACAGGATGAACACCATCCCCAGACCCGATCCATTCAAGGTTCTGCAGAGTCGGAAT
 CTAAACTGTATAGCACTTTGTGAAGTATTACGTCTAAGGACCTCCAGAAGCATGGGAACATTTGGGTGT
 GCCTGTGTCTGACCATGTCTGCACAAGGTTCTTCTTTGTATATGAGGATGGGCAGTGGGCGATGCCAA
 CATTAATACTCAGGACCCCAAGATTCAGAAGGAAATCATGCGTGTGATCGGAACCTCAGGTTTACACAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230736 representing NM_001205239
 Red=Cloning site Green=Tags(s)

MDIKGQFWNDDDDSEGDNESEEFLYGVQGSAAADLYRHPQLDADIEAVKEIYSSENSVSIREYGTIDVDLD
 LHINISFLDEEVSTAWKVLRTPEIVLRLRFLSLQYLDGPEPSIEVFQPSNKEGFLGLQLKKILCMFTSQ
 QWKHLNDFLKTQEKRHSWFKASGTIKKFRAGLSIFSPIKSPSPFIIQDSMLKGLGVPPELRVGRMLN
 RSI SCTMKNPKVEVFGYPPSPQAGLLCPQHVGLPPPARTSPLVSGHCKNIPTLEYGFLVQIMKYAEQRIP
 TLNEYCVVCDEQHVFNQGSMLKPAVCTREL CVFSFYTLGVMSGAAEEVATGAEVVDLLVAMCRAALES
 PRKSIIFEPYPSVVDPTDPKTLAFNPKKNYERLQKALDSVMSIREMTQGSYLEIKKQMDKLDPLAHPLLQW
 IISNRSHIVKLP LSR LKFMHTSHQFLLLSPPAKEARFRTAKKLYGSTFAFHGSHIENWHISILRNGLVN
 ASYTKLQLHGAAYGKGIYLSPISSISFGYSGMGKGQHRMPSKDELVQRYNRMNTIPQTRSISQSRFLQSRN
 LNCIALCEVITSKDLQKHGNIWVCPVSDHVCTRFFVYEDGQVGDANINTQDPKIQKEIMRVIGTQVYTN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001205239

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: [NM_001205239.1](#), [NP_001192168.1](#)

RefSeq Size: 2714 bp

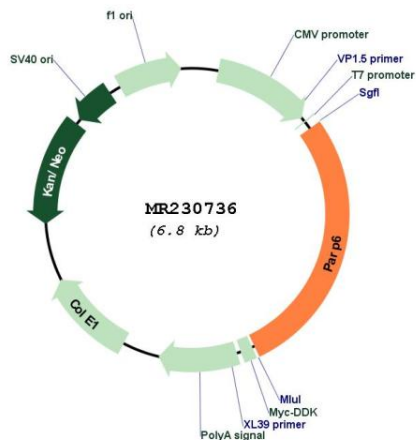
RefSeq ORF: 1893 bp

Locus ID: 67287

UniProt ID: [Q6P6P7](#)

Cytogenetics: 9 B
 MW: 71.6 kDa
 Gene Summary: Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR230736