

Product datasheet for **MC228525**

Parp6 (NM_001205239) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp6 (NM_001205239) 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: >MC228525 representing NM_001205239
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACATCAAAGGCCAGTTCTGGAATGATGATGATTGAGAGGAGATAATGAATCAGAGGAATTTCTGT
 ATGGAGTTCAGGGGAGCTGTGCAGCTGACCTGTATAGACACCCACAGCTTGATGCAGACATTGAAGCAGT
 GAAAGAGATCTACAGTGAGAAGTCCGTGTCCATCAGAGAATATGGAAGTATCGATGACGTGGACCTTGAC
 CTCCACATCAACATCAGCTTCTCGATGAGGAAGTATCTACAGCTTGAAGGTCCTTCGAACAGAACCTA
 TTGTGTTGAGGCTACGGTTTTCTCTCTCAGTACCTTGATGGACCAGAGCCATCAATTGAGGTTTTCCA
 GCCATCGAATAAGGAAGGGTTGGGCTAGGTCTTCAGTTGAAAAAATCCTGTGTATGTTTACATCCCAA
 CAATGGAAGCATCTGAGCAATGATTTCTTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA
 GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTCTACCCATTCCAAGTCTCCAGTTTTCC
 TATCATACAGGACTCTATGCTGAAAGGCAAAGTGGGTGTACCAGAGCTCCGAGTTGGACGCCTTATGAAT
 CGTTCATTTCTTGCACCATGAAGAACCAAAAAGTAGAGGTGTTGGCTATCCCCCAGCCCCCAGGCAG
 GTCTCCTGTGCCCCAGCACGTGGGCTCCCTCCCCCAGCACGGACTTCTCCTTTGGTCAGTGGTCACTG
 CAAGAACATCCCCACTCTGGAGTATGGATTCTTGTCCAGATTATGAAGTATGCAGAGCAGAGGATTCCA
 ACGTTAAATGAGTACTGTGTGGTTGTGATGAGCAGCATGTCTTCCAGAATGGGTCCATGCTCAAGCCAG
 CTGTCTGTACTCGTGAGTTATGCGTCTTCTCCTTCTACACACTGGGAGTCATGTCTGGAGCTGCAGAAGA
 AGTGGCTACAGGAGCAGAGGTGGTAGATCTGCTGGTGGCCATGTGTAGAGCAGCTTGGAAATCCCCTAGA
 AAAAGCATCATCTCGAGCCTTATCCCTCTGTGGTGGACCCACTGATCCAAGACTCTGGCCTTTAACC
 CTAAGAAGAAGAATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGTCCATCCGGGAGATGACCCA
 GGGCTCATATTTGGAAATCAAGAAACAGATGGACAAGCTGGATCCCTTGGCCCATCCTCTTCTGCAGTGG
 ATAATTTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTCATGCACACCTCAC
 ACCAATTCCTCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACAGCCAAGAAGCTCTACGG
 AAGCACCTTTGCTTTCCATGGGTCCCACATTGAGAATTGGCATTCAATCTGCGCAATGGGCTGGTCAAT
 GCATCCTACACAAACTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
 GTATTTCTTTGGATACTCAGGAATGGGCAAAGGACAGCACAGGATGCCTTCCAAGGATGAGCTGGTCCA
 GAGATAACAACAGGATGAACACCATCCCCAGACCCGATCCATTAGTCAAGGTTCTGCAGAGTCGGAAT
 CTAAACTGTATAGCACTTTGTGAAGTATTACGTCTAAGGACCTCCAGAAGCATGGGAACATTTGGGTGT
 GCCTGTGTCTGACCATGTCTGCAAGGTTCTTCTTTGTATATGAGGATGGGCAGTGGGCGATGCCAA
 CATTAACTCAGGACCCCAAGATTCAGAAGGAAATCATGCGTGTGATCGGAAGTCAAGTTTACACAAAC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001205239

Insert Size: 1893 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001205239.1</u> , <u>NP_001192168.1</u>
RefSeq Size:	2714 bp
RefSeq ORF:	1893 bp
Locus ID:	67287
UniProt ID:	<u>Q6P6P7</u>
Cytogenetics:	9 B
Gene Summary:	<p>Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer 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.</p>