

Product datasheet for **MC218307**

Parp8 (BC021881) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp8 (BC021881) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Parp8
Synonyms:	2810430O08Rik; ARTD16; D13Ertd275e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC021881
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCACCATTAATTCGCACAACTTTTGGGCCGGCCCTGCCCTCAGCCGGCAAGCAAGAGGACTGCC
TCACACTGAAGTCCCATAGTTATTGACTCGATCTTGTTCTGGAGACCCACGATGTGAGCACAACACCAA
CTTGAAGCCCCACAACTGCTAAGCAGATCTTACTCCAGTAATCTCAGAATGGAAGAGTTATATGGCCTG
AAAAATCACAAATTGCTCAGCAAGTCTTACTCCAGTGCCCCAAGACATCGAAAAATGGAGCATTTCAAGG
AACCCACGCAGAGGGCAGGAGGCTCTCGCTTACCTCAGGGCTTATCGGTATTTAACACCATCATCGTC
TTCTTCCAGCCTCTACAAATGGTGCAAAAAGCATTCCAATCCGAGACCGCGGCTTCTGGTGCAGACC
ATTGAGTTTGTGAGCAGCGGATCCCTGTACTGAATGAATATTGTGTGGTGTGTGATGAACCACACGTGT
TTCAAAATGGCCCATGCTTAGGCCACAGTATGTGAGCGAGAGCTGTGTGTGTTTCTTTTCAAACCTT
GGGAGTGATGAATGAAGCTGCCGACGAGATCGCTACCGGAGCTCAGGTGGTAGATCTGCTTGTGCCATG
TGTAGATCTCGGTTGGAATCTCCTAGAAAAAGTTGTCATTTTTGAGCCATATCCTTCTGTGGTAGATCCTA
ATGACCCTCAGATGTTAGCCTTCAATCCCAGGAAGAAGAACTATGATCGTGAATGAAAGCTCTGGACAG
CATAACTTCCATCAGAGAAATGACACAGGCACCCTATCTGAAATCAAGAAGCAGATGGATAAACAGGAC
CCCCTTGCTCATCCACTTCTGCAATGGGTCATCTCAAGTAATAGGTACACATTTGTGAAACTGCCAGTCA
ACAGGCAACTGAAGTTCATGCACACGCCACACCAGTTCCTCCTCAGCAGCCCACCAGCCAAAGAGTC
CAACTTCAGAGCCGCCAAGAAGCTTTCGGGAGCACCTTCGCATTTTCATGGCTCTCACATTGAAAAGTGG
CAAGTGGGATCTATCTTAGCCCGATGTCCAGCATATCATTGGTTACTCAGGGATGAACAAGAAGCAGAA
GGTGTCAAGCAAGGACGAGCCAGCTTCCAGTAGTAAAAGCAGCAATGCATCACAGTCTCAGAAAAAAGGA
CAGCAATCCCAGTTCCTGCAAGCCGTAACCTGAAATGCATAGCCTTATGTGAAGTGATCACGTCACCTG
ACCTGCACAAACATGGCGAGATATGGGTTGTCCCGAACCGGATCATGTCTGTACAAGATTCTTTTTTGT
TTATGAAGATGGCCAGGTGGGAGATGCCAATATCAACACACAAGAAGGAGGTATTACAAAGAGATACTC
CGTGTGATTGTAATCAGACTGCGACTGGTTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
TCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: BC021881

Insert Size: 1503 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).

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: [BC021881](#), [AAH21881](#)

RefSeq Size: 2887 bp

RefSeq ORF: 1502 bp

Locus ID: 52552

Cytogenetics: 13 65.32 cM

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