

Product datasheet for **SC209859**

PARP1 (NM_001618) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PARP1 (NM_001618) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PARP1
Synonyms: ADPRT; ADPRT 1; ADPRT1; ARTD1; pADPRT-1; PARP; PARP-1; PPOL
ACCN: NM_001618
Insert Size: 799 bp
Insert Sequence: >SC209859 3'UTR clone of NM_001618
The sequence shown below is from the reference sequence of NM_001618. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAATTCAATTTTAAGACCTCCCTGTGGTAAATTGGGAGAGGTAGCCGAGTCACACCCGGTGGCTCTGGTA
TGAATTCACCCGAAGCGTTCTGCACCAACTCACCTGGCCGCTAAGTTGCTGATGGGTAGTACCTGTAC
TAAACCACCTCAGAAAGGATTTTACAGAAACGTGTTAAAGGTTTTCTCTAACTTCTCAAGTCCCTTGTT
TTGTGTTGTCTGTGGGAGGGGTTGTTTTGGGTTGTTTTGTTTTTTCTTGCCAGGTAGATAAAAC
TGACATAGAGAAAAGGCTGGAGAGAGATTCTGTTGCATAGACTAGTCTATGGAAAAACCAAGCTTCG
TTAGAATGTCTGCCTTACTGGTTTCCCCAGGGAAGGAAAAATACACTTCCACCCTTTTTTCTAAGTGTT
CGTCTTTAGTTTTGATTTTGGAAAGATGTTAAGCATTTATTTTTAGTTAAAAATAAAAACTAATTCAT
ACTATTTAGATTTTCTTTTTATCTTGCACTTATTGTCCCCTTTTTAGTTTTTTTTGTTTGCCTCTGT
GGTGAGGGGTGTGGGAAGACCAAAGGAAGGAACGCTAACAATTTCTCATACTTAGAAAACAAAAGAGCT
TTCCTTCTCCAGGAATACTGAACATGGGAGCTCTTGAATATGTAGTATTAAGTTGCATTTGAAATT
CTTGACTTTCTTATGGGCACTTTTGTCTTCCAAATTAATACTCTACCACAAATATACTTACCAAGGGC
TAATAGTAATACTCGATTAATAATGCAGATGCCTTCTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001618.4](#)

Summary: This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. [provided by RefSeq, Jul 2008]

Locus ID: 142

MW: 30.9