

Product datasheet for **SC120527**

PARP6 (NM_020214) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARP6 (NM_020214) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP6
Synonyms:	ARTD17; PARP-6-B1; PARP-6-C; pART17
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020214, the custom clone sequence may differ by one or more nucleotides

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ATGGACATCAAAGGCCAGTTCTGGAATGATGACGACTCGGAGGGAGATAATGAATCAGAGGAATTTCTCT
ATGGCGTTTCAGGGGAGCTGTGCAGCTGACCTGTATCGACACCCACAGCTTGATGCAGACATTGAAGCCGT
GAAGGAGATCTACAGTGAGAACTCTGTATCCATCAGAGAATATGGAATATCGATGACGTGGACATTGAC
CTCCACATCAACATCAGCTTCTCGATGAGGAAGTCTCTACAGCCTGGAAGGTCTCCGGACAGAACCTA
TTGTGTTGAGGCTGCGATTTTCTCTCTCCAGTACCTAGATGGACCAGAACCATCCATTGAGTTTTCCA
GCCATCAAATAAGGAAGGATTTGGGCTGGGTCTTCAGTTGAAAAAGATCCTGGGTATGTTTACATCCCAA
CAATGGAAACATCTGAGCAATGATTTCTTGAAGACCCAGCAGGAGAAGAGGCACAGTTGGTTCAAGGCAA
GTGGTACCATCAAGAAGTCCGAGCTGGCCTCAGCATCTTTTACCCATCCCCAAGTCTCCAGTTTCCC
TATCATACAGGACTCCATGCTGAAAGGCAAACTAGGTGTACCAGAGCTTCGGGTGGGCGCCTCATGAAC
CGTTCCATCTCCTGTACCATGAAGAACCCCAAAGTGGAAGTGTGGCTACCTCCAGCCCCCAGGCAG
GTCTCCTGTGCCCTCAGCACGTGGGCTCCCTCCCCAGCACGGACCTCTCTTTGGTCAGTGGTCACTG
CAAGAACATTCCCACTCTGGAGTATGGATTCTCGTTCAGATCATGAAGTATGCAGAACAGAGGATTCCA
ACATTGAATGAGTACTGTGTGGTGTGTGATGAGCAGCATGTCTTCCAAAATGGATCTATGCTGAAGCCAG
CTGTCTGTACTCGTGAATATGCGTTTTCTCTTCTACACACTGGGCGTCATGTCTGGAGCTGCAGAGGA
GGTGGCCACTGGAGCAGAGGTGGTGGATCTGCTGGTGGCCATGTGTAGGGCAGCTTTAGAGTCCCCTAGA
AAGAGCATCATCTTTGAGCCTTATCCCTCTGTGGTGGACCCCACTGATCCCAAGACTCTGGCCTTTAACC
CTAAGAAGAAGATTATGAGCGGCTTCAGAAAGCTCTGGATAGTGTGATGTCTATTCCGGAGATGACCCA
GGGCTCATATTTGAAATCAAGAAACAGATGGACAAGTTGGATCCCCTGGCCCATCTCTCTGCAGTGG
ATCATCTCTAGCAACAGGTCACACATTGTCAAACCTACCTCTCAGCAGGCTGAAGTTTCATGCACACCTCAC
ACCATTTCTCCTGCTGAGCAGCCCTCCTGCCAAGGAGGCTCGGTTCCGGACCGCCAAGAAGCTCTATGG
CAGCACCTTTGCCTTCCATGGGTCCACATTGAGAACTGGCATTGATCTGCGCAATGGGCTGGTCAAT
GCATCCTACACCAAACCTGCAGCTGCATGGAGCAGCCTATGGCAAAGGCATCTACCTGAGCCCCATCTCCA
GTATTTCTTTGGATACTCAGGAATGGGAAAAGGACAGCACAGGATGCCCTCCAAGGATGAGCTGGTCCA
GAGATACAACAGGATGAATACCATCCCCCAGACCCGATCCATTCAAGTACGAGTTCCTGCAGAGTCCGAAT
CTAAACTGTATAGCACTTTGTGAAGTGATTACATCTAAGGACCTCCAGAAGCATGGGAACATCTGGGTGT
GCCCTGTGTCGACCATGTCTGCACAAGATTCTCTTTGTATATGAGGATGGTCAGTGGGCGATGCCAA
CATTAACTCAGGACCCCAAGATACAGAAGGAAATCATGCGTGTGATCGGAACTCAGGTTTACACAAAC
TGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020214 unedited

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NTGTTCAAAATTTGNTATACGACTCACTATAGGGCGGCCCGCAATTCGCACGANAAAGG
AAGAAAGAAAATATGAGACAAGAGAGTTTAGGTGTGCTTGGGAACTGTCTTAGGTAATGA
TCCTGGAAGAGGCCAGCTTGACTGGAACCCAGATATGCTTAGGAGTCAACCTTGACATT
GAAGTCATTTGCATTTCTTTCTACTGGCTACCAGAGCCTCTCAGTCATCATACTGAGAC
TTCAGAAGGCCAAAATCCCTAGATGTTTTCTCTGTCCCACTAAGAGCTAGTTTATGGA
TATGATCATATCAGGAAGAGACTGAGCCTCTCACAAGGGTGACATGAAAGGTGTAAAGG
GATCAGGGCTTCAGTTATTCTATATTTCCCAATCTTTGTGGGAATCTGTTCTCACCATA
TCATCCCACGCCTTTCCATGGGATAATAGGGACCTAACAAAGCATGATATCCTTATTTCT
CACCCTAGGACATCAAAGGCCAGTTCTGGAATGATGACGACTCGGAGGGAGATAATGAA
TCAGAGGAATTTCTCTATGGCGTTTCAGGGGAGCTGTGCAGCTGACCTGTATCGACACCCA
CAGCTTGATGCAGACATTGAAGCCGTGAAGGAGATCTACAGTGAGAACTCTGTATCCATC
AGAGAATATGGAATATCGATGACGTGGACATTGACCTCCACATCAACATCAGCTTCCTC
GATGAGGAAGTCTCTACANNCTGGAAGTCTCCGGACAGACCTATTGTGTTGNAGCTGC
GATTNTCTCTCTTCCAGTACCTAGATGGACCAGACCATCCATTTGAGGTTTTCCAGCCAT
CAATAGGAAGGGATTGNGCTGGNTCTCAGTGAAAAAGATCCTGGGGTATGTTTACATCCC
ACATGGAAACATCTGAGCATGATTNCTTGAGACCAGCAGAA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020214 unedited <pre> CTTCCATTTATGTTTTATTACAAACAGGGTGAAGTCAAAGGGAATCAGGGGATGGAGTC AGTCTGGGCCATCCGAATGTGGAGTAGTTCTTGGGTCAAGCTCTACCATGAAGGCCACCT CTTACATATCCTTTCTGCCCTTGGTAATGGCCCTTGATTCTCAGGGCAGCCTCAG CTGCTGTACCTGAACACTTTTATGAGGGCAGATGGATCCTGGGTAACAGGGGCGGTACC ACGGCTTGGGCCTTTTACCCTGCGCAAACCTGACCTACGATCACACTCATGATTCGCTC TCGCCCCCTCGCGGTCCCGAGTCTTAATGATCCCATTCCCCTTCTCCCTCTCCCTTCCTC CATCCACCAACCTCCTCCCCCACCCTTTTACATTGCGGTCCCCCTACCATTTTCCTAC TCGTCCCCCATCTTCTCCCTCCCCCCCCCTCCTTTCCCTTTCCCTCCTCCCCCTCC CCCTTTCCCTCCTATTTTACCCCTTCCCATTCCTCCCTCCCTTCCCTTCTCCTCCCTTT TACTCCATCCCTCTTCCCCCATCTTGTTCCTTTTCTTCCGCTTCCCTCCTCGTTTTT CCCTTTCCCCCATCCGCTCCTCCCGTTCCTTCCCTCCCTCCCTTCTTCCCTCCCTTTT TCTCCCCCCTTCCCTCCCTTCCGCTTTTCCATGTCCCGCTTATCCCTTTTCCCCCT CTTTCCTATCCCTCCTCCGCTTTCCTTCTCCCCCTTCCCTTTCTCCCTCTTCTCATT CCATATCCCCCATTCCTATTCCCTTCCCTTCGCCTTTTCCCTTTTGTCCCTTCCCTC CTTCTTTTACTCTTTTCCCCCCTTCCCACGCTCCCTTTCCATTCTCCTATTTCCCTT TTCCCCCGCCCTTACCTCTCCCGTTATACTATCTCCCGTTTCCCCCCTTTTCCCCGCC CTCCTTTTCTGCCCTCCTTCTCCCTTCCCTCTTCCACT </pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_020214
Insert Size:	2830 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:	<u>NM_020214.1</u> , <u>NP_064599.1</u>
RefSeq Size:	2631 bp
RefSeq ORF:	2631 bp
Locus ID:	56965
UniProt ID:	<u>Q2NL67</u>
Cytogenetics:	15q23

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