

Product datasheet for **SC304482**

PARP14 (NM_017554) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARP14 (NM_017554) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP14
Synonyms:	ARTD8; BAL2; PARP-14; pART8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_017554 edited
 ATGGCTGTGCCCGCTCCTTCCCGCTGCTGGTCGAGGGCTCTGGGGCCCGACCCCCC
 AAGAACTTGAACACCAAGTTGCAGATGTACTTCCAGAGCCCGAAGAGGTCGGGAGCGGC
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AGTTTATTTGTGGCATTATGACTACCAAGCATACCCAGAGTACCTTATTACGTTTAGA
AAATAA

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Restriction Sites:	Please inquire
ACCN:	NM_017554
Insert Size:	7100 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_017554.1</u> , <u>NP_060024.1</u>
RefSeq Size:	6903 bp
RefSeq ORF:	4557 bp
Locus ID:	54625
UniProt ID:	<u>Q460N5</u>
Cytogenetics:	3q21.1

Gene Summary:

This gene encodes a member of the poly(ADP-ribose) polymerase (PARP) protein family. The encoded anti-apoptotic protein may regulate aerobic glycolysis and promote survival of cancer cells. Increased expression of this gene has been reported in a variety of tumor types. [provided by RefSeq, Jul 2016]