

Product datasheet for **SC329037**

PARP7 (TIPARP) (NM_001184718) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARP7 (TIPARP) (NM_001184718) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP7
Synonyms:	ARTD14; PARP7; pART14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001184718, the custom clone sequence may differ by one or more nucleotides

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ATGGAAATGGAACCAACCGAACCTGAGCCAGACTGTGTAGTGCAGCCTCCCTCTCCTCCT
GATGACTTTTCATGCCAAATGAGACTCTCTGAGAAGATCACTCCATTGAAGACTTGTGTTT
AAGAAAAAGGATCAGAAAAGATTGGGAAGTGAACCCCTGAGGTCTTTGAGGCCAATATTA
AACACTCTTCTAGAATCTGGCTCACTTGATGGGGTTTTAGATCTAGGAACCAAGTACA
GATGAGAACAGCTTACATGAACCTATGATGAAGAAAGCCATGGAATCAATTCATCATGC
CCACCAGCAGAAAATAATATGTCTGTTCTGATTCTGATAGGACAAATGTTGGGGACCAG
ATACCGGAAGCCCATCCTTCCACTGAAGCTCCAGAACGAGTGGTTCCAATCCAAGATCAC
AGCTTTCCATCAGAAACCTCAGTGGGACGGTGGCAGATTCCACACCAGCTCACTTCCAG
ACTGATCTTTTGACCCAGTTTCAAGTGATGTTCTACTAGTCTGACTGCTTAGACAAA
GTCATAGATTATGTTCCAGGCATTTTCAAGAAAACAGTTTTACAATCCAATACATTCTG
GACACCAGTGATAAGCTGAGTACTGAGCTCTTTCAGGACAAAAGTGAAGAGGCTTCCTT
GACCTCGTGTGTTGAGCTGGTGAACCACTGTCAGTACCACACTACCAAGAGAACGGAATT
GAAATTTGCATGGACTTTCTGCAAGGCACTTGATTTATGGCAGGGATTGTTTGAAGCAC
CACACTGTCTTGCCATATCATTGGCAGATCAAAAGGACAACACTCAAAAGTGGCAGAGT
GTATTCATGATTCTCAGGAGCACTTGGAAAGATTTTACTGTAACCCAGAAAATGATAGA
ATGAGAATGAAGTATGGAGGACAAGAATTTTGGGCAGATTTGAATGCCATGAACGTGTAT
GAAACAACCTGAATTTGACCAACTACGAAGGCTGTCCACACCACCTCTAGCAATGTCAAC
TCTATTTACCACACAGTCTGGAATTTCTCTGTAGGGACCACTTTGGATGGAGAGAGTAT
CCCAGTCTGTCAATTCGATTGATTGAAGAAGCCAACCTCTCGGGGTCTGAAAGAGGTTTGA
TTTATGATGTGGAATAACCACTACATCTCCACAATTCATTCTTCAGGAGAGAGATAAAA
AGGAGACCCCTCTTCCGCTCCTGTTTTATACTGCTTCCATATTTACAGACACTTGGTGGG
GTTCCCAACACAAGCTCCTCCACCTCTTGAAGCAACTTCATCATCAAAATTATCTGCCCA
GATGGGGTCACTTCAGCAAACTTTTACCCTGAAACTTGGGTTTATATGCATCCATCTCAG
GACTTCATCCAAGTCCCTGTTTCTGCAGAGGATAAAAGTTATCGGATCATTTACAATCTT
TTTCATAAGACTGTGCCTGAGTTTAAATACAGAATTTTGCAGATATTGAGAGTCCAAAC
CAGTTTCTTTGGGAGAAATATAAAGGAAAAAGGAATATATGAACAGGAAATGTTTGGC
CGTGACAGGATAATAAATGAGAGACATTTATTTTATGGAACATCCAGGATGTGGTAGAT
GGAATCTGCAACACAACCTTTGACCCTCGAGTCTGTGGAAGCATGCTACAATGTTTGA
CAAGGCAGTTATTTTGAAGAAGGCAAGCTACTCTCATAACTTTTCTAAGAAGTCTCC
AAAGGAGTCCACTTCATGTTTCTGGCCAAAGTGCTGACGGGCAGATACACAATGGGCAGT
CATGGCATGAGAAGGCCCCGCCAGTCAATCCTGGCAGTGTCACCAAGTGACCTTTATGAC
TCTTGTGTGGATAATTTCTTTGAGCCTCAGATTTTGTGATTTTAAATGATGACCAGAGT
TACCCTTATTTTGTATCCAATATGAAGAAGTCAGTAACACTGTTTCCATTTGA
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Restriction Sites: Please inquire

ACCN: NM_001184718

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:	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_001184718.1, NP_001171647.1</u>
RefSeq Size:	3697 bp
RefSeq ORF:	1974 bp
Locus ID:	25976
UniProt ID:	<u>Q7Z3E1</u>
Cytogenetics:	3q25.31
Gene Summary:	This gene encodes a member of the poly(ADP-ribose) polymerase superfamily. Studies of the mouse ortholog have shown that the encoded protein catalyzes histone poly(ADP-ribosyl)ation and may be involved in T-cell function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.