

Product datasheet for SC103603

PARP10 (NM_032789) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARP10 (NM_032789) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP10
Synonyms:	ARTD10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032789 edited
 GGAATGGTTGCAATGGCGGAGGCAGAGGCAGGGTGGCAGTGGAGGTCCGTGGACTGCC
 CCTGCCGTGCCGACGAGCTGCTCACTCTACTTTGAAAACCGCCGACGCTCTGGAGGG
 GGACCTGTGTTGAGCTGGCAGAGACTGGGCTGTGGGGCGTCCTACCTTCAGAGAGCCT
 GCAGACGCCGAGAGGGTCTTGGCCAGGCAGATCATGAACTACATGGTGCCAGCTGAGC
 CTGCGGCCAGCTCCACCACGAGCCCTGCACGCCTGCTGCTCCAAGGACTGCCCCCTGGC
 ACCACGCCCCAGCGCTTGGAGCAGCATGTCCAGGCCTTGTGCGGGCCTCGGGGCTCCCA
 GTACAGCCTTGTGTGCCTTGGCCAGCCCCGGCCAGACCGGGCTCTGGTCCAGTTGCC
 AAGCCCCTTTCTGAGGCAGATGTCGTGCTGGAGGAGCAGGCCAGAATCTGGGCCTG
 GAGGGGACCTTGGTGTCCCTGGCCCGGGTCCCCAGGCCGAGCGGTGCGTGTGGTGGG
 GATGGTGCCTCTGTGGACCTGCTGTTGCTGGAGTTGTACCTGGAGAATGAGCGCCGAGT
 GGTGGGGGGCCCCCTGGAGGACCTGCAACGCCTACCCGGGCCCTGGGCACTGTTGCCTCC
 TTCCAGCAGTGGCAAGTGGCAGAACGAGTGTTCAGCAGGAGCACCGGTTGCAGGGCTCA
 GAGCTGAGCCTTGTCCCCACTACGACGTCTGGAGCCCGAGGAGCTGGCTGAGAACC
 AGTGGAGGGGACACCCGTCCACCCAGGGGCTAGGGCTACCAAGCATGCTCTCCTGAGG
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 GAACCAGGGCAGTCAGGGCCTCTCTGAGGACAGTCCCATGGTGCAGGGTAGAGGGATT
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 CAGGAGGGCCTGGTGGAGATGGTCTATTGATGGAGCCAGGGGCGATGCGCTTCTCGAC
 CTCTACCATGAGGACCTTCTTGGCGGCCGGGAGACGTCGCTCTTGGCACTTGAAGGA
 CCGGATATGACTGGCTTTCGGCTCTGTGGAGCCAGGCTTCTGCCAGGGGCTGAGGAG
 TTTCTGCGGAGCCTGCTGGGCAGCATTAGCTGCCATGTGTTGTGCTGGAGCACCAGGGC



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CCAGCTCCGCACAGGCTGATGCTCCCCGCCCAACTGTGGCCGCTGAGCTGTCCCCGG
GGACGCCCTGCCTCCCTCTGCGGGCTCCAGAAGGCGGTGTGGGGATGGCGGTGAGCAG
CGGCCGAGAGGGGCTGGGCTAGGTCACGCTGGGCCGACCCACCAGGGGTGAGCA
GAGCCCAGGAGGCGACTGCCCGCCCGCTCCAGACCTCGCCGAGTGGCTCTGT
TGTTTGAATAAACGTGAACGTGAACCCAGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_032789
- Insert Size:** 3400 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:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_032789.1.
- 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: [NM_032789.1](#), [NP_116178.1](#)

RefSeq Size: 3471 bp

RefSeq ORF: 3078 bp

Locus ID: 84875

UniProt ID: [Q53GL7](#)

Cytogenetics: 8q24.3

Domains: UIM

Gene Summary: Poly(ADP-ribose) polymerases (PARPs), such as PARP10, regulate gene transcription by altering chromatin organization by adding ADP-ribose to histones. PARPs can also function as transcriptional cofactors (Yu et al., 2005 [PubMed 15674325]).[supplied by OMIM, Mar 2008]
Transcript Variant: This variant (1) encodes the shorter isoform (1).