

## Product datasheet for **SC334881**

### PARP11 (NM\_001286522) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PARP11 (NM_001286522) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP11
Synonyms:	ARTD11; C12orf6; MIB006
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286522, the custom clone sequence may differ by one or more nucleotides

ATGTGGGAAGTGGCACATGTTTCAGAAATGAAGCAAATGAATCTCACCCTGGAAGCAGCGCTTAATAA  
 AAAGAGCCCCCTTTCTATCAGTGCTTTTCAGTTACATCTGTGAAAACGAGGCCATCCCTATGCCACCACA  
 CTGGGAGAATGTGAATACTCAAGTACCATATCAGCTTATTCCTCTGCACAATCAAACACATGAATATAAT  
 GAAGTTGCTAATCTCTTTGGGAAGACGATGGATCGCAACCGAATTAAGAATTTCAGAGAATTCAAAACC  
 TAGATTTGTGGGAGTTCTTTGCAGGAAAAAGGCTCAGCTCAAGAAAAAAGAGGTGTGCCTCAGATTAA  
 TGAACAAATGCTGTTTCATGGTACCAGCAGTGAATTTGTGGAAGCAATCTGCATTCATAACTTTGATTGG  
 AGAATAAATGGTATACATGGTGTCTTTGGAAAAGGAACCTATTTTGCTAGAGATGCTGCTTATTCCA  
 GTCGTTTCTGCAAAGATGACATAAAGCATGGGAACACATTCCAAATTCATGGTGTGAGCTTGCAACAGCG  
 GCATCTGTTTAGAACATATAAATCTATGTTTCTTGCTCGAGTGCTAATTGGAGATTACATAAACGGAGAC  
 TCCAAATACATGCGACCTCCTTCCAAAGACGGGAGCTATGTGAATTTATATGACAGCTGTGTGGATGATA  
 CCTGGAACCCAAAGATCTTTGTGGTTTTGATGCCAACCAATCTATCCTGAGTACTTGATAGACTTTCA  
 T TGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286522
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).


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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001286522.1, NP_001273451.1</u>
<b>RefSeq Size:</b>	4499 bp
<b>RefSeq ORF:</b>	774 bp
<b>Locus ID:</b>	57097
<b>UniProt ID:</b>	<u>Q9NR21</u>
<b>Cytogenetics:</b>	12p13.32
<b>Gene Summary:</b>	<p>Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins (PubMed:25043379, PubMed:25673562). Plays a role in nuclear envelope stability and nuclear remodeling during spermiogenesis (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate exon and lacks an exon in the 5' coding region, and initiates translation at an alternate downstream start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform 1. Variants 2 and 3 encode the same isoform (b). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>