

Product datasheet for **MR224613**

Parp12 (NM_172893) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parp12 (NM_172893) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Parp12
Synonyms:	9930021O16; AA409132; AA536654; ARTD12; PARP-12; Zc3hdc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR224613 representing NM_172893
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCAGGCCGCGGTGGCAGTGGCAGAGGTGACCCAGCTGCTGTGCGCGCGGGGGCGCCTTGGAGT
 TGGCGGAGCTGCGGCGCCGCTTGC GAACCAAGCCTGGGGACCGACGCGCTGGAGCGGCTGCTGCGGGACTG
 CCGGCGCTTCGTGGTGGCCTCGCGGGCGGTCTGGCCGTGGGCGCGGGCCGGGAGGCCGCGGCGGCAGCC
 TCGGAGCGCTTGGTGTGGCCGTGTCGTCGCTGCGTCTGTGCCGCGCGCATCAGGGCCCCAAGCCGGGT
 GCACCGGGCTCTGCGCGCAGCTGCATCTCTGCAAGTTTCTCATCTACGGCAACTGCAAGTTCTGAAGAC
 CGGAAGAAGTGTAGGAATGGTCACACTTGAAGACTGATCACAACCTGAGTGTGTTGAGGACACATGGT
 GTTGACCACCTCACATATACTGAGCTTTGCCAAGTCTTGTTCAGAAATGACCCTTCACTTTTCCAGATA
 TATGCCTACACTACAACAAGGTGATGGACCCTTCGGCTCTTGTCTTCCAAAAGCAGTGCATTAAGT
 CCATATCTGCCAGTACTTCTACAGGGAGAGTGAAGTTTGGCACAAGCTGTAAGAGGTCCCATGAGTTC
 ACTAAGTCTGAGAGTCTGGAGCAGTTGGAAAGTTGGGCTTAAGTTCTGACCTGGTGAGCAGGCTACTCT
 CTACTTACCGAATGCATATGACATCAAGAATAAGGGCTCAGCCCTCAGCAAAGTGTCTCTTCTCCCGC
 AGGTCCACAGGGGAGTTCTGAAAGAAAAGACAGTTCAGGTCTGTGTACCAGGCACTCCTAGCCAGGAG
 GAGAGTGAACAGATTTGCTTGTACCATATTCGGAAGAGTTGTAGCTTCCAAGAAAAGTGCATCGAGTTC
 ATTTTCATTTACCATATCGGTGGCAATCTTGGATGGAGGCAATGGAAGGATTTGGACAACATGGAGCT
 TATTGAAGAAGCATATAGCAATCCAGTAAAGACAGGATTGTGTATACAGAGTCACTGCTGGCTTTCAC
 TTTGATAATTTAGACTTTAATTCATGAAGTTTGGTAATACTCTGGCTCGCCGACTCTCCACAGCTTCTT
 CAGTCACCAAACCCACATTTTCACTTACTACTGACTGGATTGGTACTGGATGAGTTTGGTTT
 TTGGCAGGAATATGGACGACAAGGCTCAGGGCACCTGTGACCACCATCAGCAGCAGTGACGTGGAAGG
 GCTTACTTGGCATTCTGTGCTCCAGGGCTGATGCCAGGCAGCCACCTTGAAGTTCCAGGCTGGAAAAC
 ACAACTATGAGTTACACTTCAAAGCTTTTCTGCAGAAAAACCTTGTGTATGGCACTATCAGAAAAGTTT
 TCGCAGACCCAAGTATGTGTCTCCCAAGGATGTGCAGATGAAGCAGTCTGCAATACTAAGTTACACGGC
 CCAAAGAGCATCCAGACTACTGGGACCCTGCAGCCCTGCCTGACCTGGGATTTAAGAAGATCACTCTGA
 GTTCTTCTCAGAAAGATATCAGAAGGTGTGGAACATCTCAACCGTACACTACCTTTCTACTTTGTTCA
 GAAGATCGAGCGGATCCAGAACATGGGCCTGTGGGAAGTCTACCAGTGGCAAAAATGTCAGATGCAGAAG
 CAAAATGGGGGAAGGAAGTAGACGAGAGGCAGCTGTTTCATGGTACTAGTGCCAACTTCGTGGATGCCA
 TCTGCCAGCAGAACTTTGACTGGCGGGTCTGTGGTCTGCACGGCACATCCTATGGCAAAGGGAGCTACTT
 TGCGAGAGATGCCGCCTATTCGCACCACTACAGTAAATCCGACACACACTCTCACATGATGTTTCTGGCC
 CGGGTGCTGGTCCGAGATTTCTGTCAGGGGCAGCACTTCTTCTGTCGGCCCTCCAGCCAAGGAAGGCCAGA
 GCAATGCCTTCTATGACAGCTGCGTGAACAGCATGTCCGACCCAACCATCTTTGTAGTTTTTGAAGCA
 CCAGGTCTACCCCGAGTACCTCATTCAATACTCTACCTCTCCAAGCCCCAGCTAGCCCCCTCATCTTT
 GTTGCCCTAGGTAACCTGTTCACTAGCCGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR224613 representing NM_172893
 Red=Cloning site Green=Tags(s)

MAQA AVAVAEVTQLLCAAGGALELAELRRRLRTSLGTDALERLLRDCGRFVVASRAVVAVGAGREAAAA
 SERLVAVSSRLCRAHQGPKPGCTGLCAQLHLCKFLIYGNCFLKTGKNCRNHNLKTDHNLVLRTHG
 VDHLTYTELQQLLQNDPSLLPDICLHYNKGDGPFSGCSFQKQC IKLHICQYFLQGECKFGTSCKRSHEF
 TNSESLQLERLGLSSDLVSRLLSTYRNAVDIKNKGSA LSKVSPSPAGPQGSSEKRDSSGPPVSPGTPSQE
 ESEQICLYHIRKSCSFQEKCHRVHFHLPYRWQFLDGGKWKDLNMELEEEAYSNP SKDRIVYTESAAGFH
 FDNLDFNSMKFGNTLARRLSTASSVTKPPHILTTDWIYWMDEFGSWQEYGRQSGHPVTTISSSDVER
 AYLAFCAPGADAQAATLKFQAGKHNYELHFKAFLQKNLVYGTIRKVCRRPKYVSPQDVQMKQSCNTKLHG
 PKSIPDYWPAALPDLGFKITLSSSEYQKVVNI FNRTL PFYFVQKIERIQNMGLWEVYQWQKCMQK
 QNGGKEVDERQLFHGTSANFVDAICQQNFDRVCGLHGTSYGGKSYFARDAAYSHHYSKSDTHSHMMFLA
 RVLVGDFVRGTSFVRPPAKEGQSNAFYDSCVNSMSDPTIFVVF EKHQVPEYL IQYSTSSKPPASPSIF
 VALGNLFTSRQ

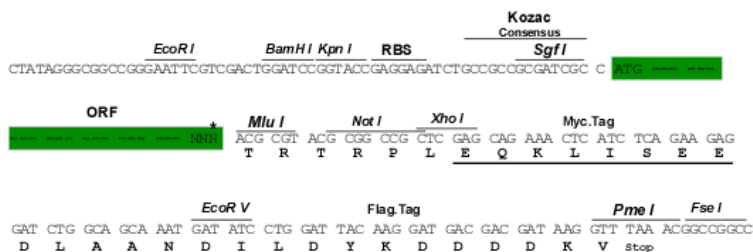
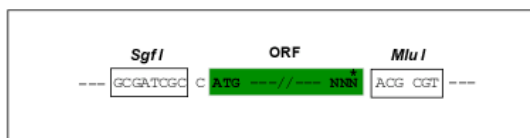
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2231_g07.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



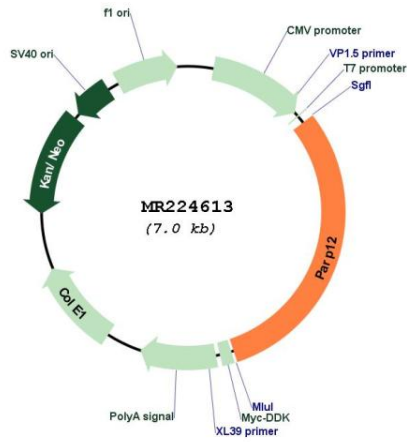
* The last codon before the Stop codon of the ORF

ACCN: NM_172893

ORF Size: 2133 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_172893.3 , NP_766481.2
RefSeq Size:	3322 bp
RefSeq ORF:	2136 bp
Locus ID:	243771
UniProt ID:	Q8BZ20
Cytogenetics:	6 B1
MW:	80.4 kDa
Gene Summary:	Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224613