

## Product datasheet for **MC225094**

### Parp4 (NM\_001145978) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Parp4 (NM\_001145978) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Parp4  
**Synonyms:** Adprt11; C030027K23Rik; E230037B21Rik; Gm743; p193; PARPL; PH5P; VAULT3; VPARP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225094 representing NM\_001145978  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTTTAGGAATCTTTGCAAATTGTATATTCTGCTTGAAGGTCAAGTACTTACCTCGTCAGCAGAAGA  
AAAAGCTGCAAAGTATTAAGGAAAAATGGCGAAAAGTTTTCTTTTTATTAACCCCTCAGTGCACACA  
TGTCATCGTAGACAGTGTGACGTCCTGAGTCGGTGTCTGAACTCCATCCAAAAGAAGCATGTGCAG  
ATTGCCAACCCAGCATTATCCAGGACTCTGTGAGACAGAGGAGACTCCTGGATGTGAGGAATTATGATC  
CTCTGTGCGCCGGCTCCAGCAGCACCACCAGCTGAAAGGAGCAGGTCTGAAGTGCAATCAGAATATCTGCC  
TTCAGACAACACCCAGAGAAGGAAAACACCGAAGTCACTGAGGTTTCTGCAGAGAATGTTGAAATCCC  
CCCTTTCTCAAGACTTTGAAGTTGTGAAATAAATCCTTGGAAAAGGTAGGAGGCCCGAGACTGTGG  
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TATGTGGAAGACCTGAAGAGACAAGGATTTCTGCTCAAGAACAATTTACGGCCGAAGCAACACAGTTAG  
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AGACTCCTGGTCTGTGACGTTGCCCTGGGAAAGTGTGTGAACATTATCAAGAAGGACTTTTCTTTAA



CTGAGGCGCCACCAGGCTATGACAGTGTGCATGGAGTTTCGAAAACCACTCTGTCCCCACAGACTTCA  
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 CGTTTCCGTCTCCTCTGAAGTGAATGAGAAACCATCACTGCTACTCGCTGCTAAAAAAGGAAAAATAAG  
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 CAACAGCGCAGTCTTAAATTTCCACCTGCCTCTCAGTGTCCGCCACAAGTGAAGCTGTGGAGCAGCA  
 GCTGCATGGGAACCGGCTGGAGCCAAAGCAAAGGGGAGGATTCGAAAAGTGTGCATGGCAAAGAAGTGT  
 CGAAATGTGCCTGATTCCCTGGTTTCTCTGCTCCTGCAGTACAGCTGAGTTTTCTTACCTTTCTGCT  
 GCAGCTAGTTCTGCCTTCTGCTCCTCTGCGACATCCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
 TGGTACCCACCTCCTCCCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
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 TTTCTCAGGTAGCTTTGCTAGTTCAAAGGATTTGATCCAGGTAATTTCCCAAGGCCCAACAACATC  
 AGCTTCTCTCCAAAGCCCTGAGATGGGCTTCTCACCAGTACCTTTTTGAGTCTCCTAAGCCAC  
 CTCTGCCCTCCTTGTACCAACGTAATTTGCTCTGAGGCTCCTCAGAGCTATTTCTTAATTTGCA

AAGTGCCGCAGTGCATCAGAGCCCTAATAACAGAGTGTGAGATCATCATGGAGTCAGTTGAGTCATCT  
CTCCCATCAGATTACTCTCCAGAGATGCGTCATCATACTTGGCTCTAGAAGGGGCAGAAGACTCCTTGC  
TGGGTGGAAGTTCTTTTAAAACCGATACAGATGAAGCAGCAGCATTTATAGCCAATGATCTTTTAAACAAG  
TATTGAGACTTCTCAGATGAGGAATGTGCCTTCTGTGATGAAGACCAGGAGAGTCTGTGCCGTGGGCT  
TCACTCTTTGCTACAGACTGAGAATGGTTTTTGAAGCTGACACCAGAAGTCTAGGTTACAAAAGGGCGAGA  
TTAATGTAATGCTCTGCTCACTTCTCTGAAGAAAAGGCATTTCGATCTCTAGGTACAAAAGGGCGAGA  
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ATGGTTGCCAAGTCTCTGATAAAGATGGATGACGCCTTCATTTCTAGGAATATTCCATGGGCTTTTGAGA  
ACATAAAGAAAAGCAAGAGAATGGGCCAGAAAGACAGAAGGACAGTATCCATCTATCTGCCAACGGCTTGA  
GCTGGGTAAGACTGGGAGTCAGCCACAAGCAACTACTGGGAATTCAGCCCAAGCCAACACTTCTCTT  
CACCGAATTCTATACTACAGCCAAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001145978
<b>Insert Size:</b>	5910 bp
<b>OTI Disclaimer:</b>	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).
<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><a href="#">NM_001145978.2</a></u> , <u><a href="#">NP_001139450.2</a></u>
<b>RefSeq Size:</b>	6391 bp
<b>RefSeq ORF:</b>	5910 bp
<b>Locus ID:</b>	328417
<b>UniProt ID:</b>	<u><a href="#">E9PYK3</a></u>
<b>Cytogenetics:</b>	14 C3
<b>Gene Summary:</b>	Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. [UniProtKB/Swiss-Prot Function]