

Product datasheet for **RN214679**

Papolg (NM_001107244) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Papolg (NM_001107244) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Papolg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214679 representing NM_001107244
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAGAGATGTCTGCAAAACACTATGCTGGACAGCCAGCGTCAACAAAAGCATTATGGAATTACCTCTC
 CAATTAGTTTGGCATGTCTAAAGAAATTGATCATATTTATACACAGAAATTAATTGATGCCATGAAACC
 ATTTGGAGTATTTGAAGATGAGGAAGAATTGAACCACAGGCTGGTTGTTCTTGGTAAATTGAACAATTTA
 GTAAAAGAATGGATTTCTGACATCAGTGAAGTAAAGATCTCCACCTTCTGTTGTGGCTACTGTTGGTG
 GTAAAATTTTACATTTGGATCTTACAGGCTTGGAGTACACACCAAGGAGCTGATATTGATGCACTTTG
 TGTAGCCCAAGACATGTGGAGAGATCAGATTTTTTTCAGTCCTTTTTGAAAAATTGAAACATCAAGAT
 GGTGTTAGAACTTAAGAGCTGTAGAAGATGCTTTTGTACCTGTCATAAAATTTGAATTTGATGGTATTG
 AAATTGATCTAGTCTTTGCAAGACTGGCAATACAAACCATATCAGATAATTTAGATCTAAGAGATGACTC
 TCGCCTGAGAAGCCTCGATATACGGTGCATTGCAAGTTTAAATGGATGTAGAGTTACTGATGAAATTTTG
 CACTTAGTGCCAAATAAAGAAACTTTTAGACTTACTCTAAGAGCAGTCAAATTATGGGCAAGCGCCGTG
 GTATTTATTCCAATATGCTGGGGTTCCTTGGTGGTGTCTCTGGGCAATGCTGGTAGCCAGAACTTGCCA
 ACTGTACCCAAACGCAGCAGCTTCAACCTTAGTCCACAAGTTCTTCTTAGTTTTCTCAAATGGGAATGG
 CCAATCTGTGCTGCTGAAGCAACCAGAAGAAAGCAACTTGAATTTGCCTGTCTGGGACCCGCGGGTAA
 ATCCATCAGACAGGTATCATCTTATGCCAATAATTACCCTGCCTACCCACAACAGAATTTACTGATATA
 TGTGCTACATCAACTCGAACAGTAATGGTAGAAGAATTTAAACAAGGCTTGCAGTTACAGATGAAATT
 CTTCAAGGAAATCAGATTGGTCCAACTATTAGAACCACAAATTTCTTCAAAAATACAGACATTATA
 TAGTGTACTGCCAGTGCATCGACAGAGGAGAATCATCTGGAATGGGTTGGATTAGTAGAATCTAAAAT
 CCGTGTACTTGTGGAACTTGGAACGGAATGAATTTATTACTCTCGCCCATGTGAATCCCCAGTCATTC
 CCAGGAAATAAGGAACATCATAAAGCCAACAATTACGTATCAATGTGGTTCCTCGGGATAATTTTTCGGA
 GAGTAGAAAATGCAGAAAGTGTAAACATAGACTTGACATATGATATACAGTCATTTACTGACACAGTGTA
 CAGGCAGGCAACAACATCAATATGCTGAAGGACGGGATGAAGATTGAGGCCACTCACGTAAGAAAAAAA
 CAGCTTACCATTACCTACCCGCGGAGATTCTCAGAAGAAGAAAAAGAGCTTTTCTGATGTGAGTCGGA
 GTTCAGGGGGCCTCAGTCCAAAAGATCGTCTCTGGATAGCAATTGTCTGGACAGCTCCCGAGACTGA
 CAGTGGAACTCCCTTAATTCTCCGGGTCTGCACATAAACCTTCCAACCCAGACAGCCCCACAGGAGAC
 GCAGAGAGGAGTAACGCGGAGCCATGGCTGTGATTGTGGAGAAGCTGCCAAGTGTCCCCCGCGCAGG
 GGCTGTCCATTCCAGTCATTGGTGCAAAGGGTGACGCTGCAGTCAAAGCGTGTCTCCCGAGCCGTGTG
 CACCATTCTACTGTAGTAGGACGGAGCGTCATTCCTAGAGTCACTACACCCACAAACCTGTCCAGGGA
 CAACCACATCTAAATGGGATATCAAATATTACTAAGAATGTTACACCCAAAAGATCCCACTCACCACCTA
 CAGATGGGACTGCTAAGAGGTTGAAAGACATAGAAAAGTTCATTGCACTTGAGTCAGCATTTAAGGAGTC
 CCGTGTGCCGAGGACAGGAAAAGAAAGCCAATGGATGCGATTGGTGGAGAATCTATGCCATTCCAAC
 ATTGATACATCACGAAAAAGCGACTACCCAGTAAAGAACTGCCAGACTCATCTCCAGTTCAGCAA
 GCAACATCCGAGTCATCAAGAACTCCATCCGCTGACCCTAATCGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107244

Insert Size: 2220 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).

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:	<u>NM_001107244.1, NP_001100714.1</u>
RefSeq Size:	3725 bp
RefSeq ORF:	2220 bp
Locus ID:	305586
Cytogenetics:	14q22