

Product datasheet for **RN213091**

Papola (NM_001108056) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Papola (NM_001108056) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Papola
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213091 representing NM_001108056
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGTTTCCAGTTACAACGCAGGGATCACAAACGCAGCCGCCACAGAGGCACTATGGCATTACCT
 CTCTATCAGCTTAGCAGCCCCAAGGAGACCGACTGCCTACTCACACAGAACTCATCGAGACCGTGAA
 GCCCTTTGGGGTTTTTGAAGAAGAAGAGGAACTGCAGCGCAGGATTTTAAATTTGGGAAAATTAATAAC
 CTGGTGAAAGAATGGATACGAGAAATCAGTGAAAGCAAGAATCTCCACAATCTGTAATTGAAAATGTTG
 GAGGAAAAATTTTACATTTGGATCCTACAGACTAGGAGTACATACGAAAGGTGCTGATATTGATGCGTT
 GTGTGTTGCACCAAGACATGTTGATCGAAGTGATTTTTTACCTCATTCTATGATAAATTGAAATTACAA
 GAAGAAGTGAAGATTTAAGAGCTGTTGAAGAGGCATTTGTACCAGTTATCAAACCTGTTTTGATGGAA
 TAGAGATTGATTTTTGTTTGAAGATTAGCACTGCAGACTATCCAGAAGATTTGGACCTACGAGATGA
 CAGTCTGCTTAAAAACCTAGATAAAGATGCATAAGAAGCCTTAATGGTTGCAGGGTAACCGATGAGATT
 TTACATCTAGTACAAACATTGACAACCTCAGGTTAACTCTGAGAGCCATCAAACCTGTGGCCAAACGGC
 ACAACATCTATTCCAATATATTAGGTTTCTCGGTGGTGTTCCTGGGCTATGCTAGTAGCAAGAATTG
 CCAGCTTTATCCAAATGCAATAGCATCAACTCTGTACATAAAATTTTCTTGGTATTTTCTAAATGGGAA
 TGGCCAAATCCAGTGCTATTGAAACAGCCTGAAGAATGCAATCTTAATTTGCCTGTGTGGGACCCAAGGG
 TAAACCCAGTGATAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAACAGAACTCCACGTA
 CAATGTGTCCGTTTCAACACGGATGGTCATGGTTGAGGAGTTTAAACAAGGTCTTGCTATCACAGATGAA
 ATTTTGTGAGTAAGGCAGAGTGGTCCAACTTTTTGAAGCTCCAACTCTTTCAAAGTACAAGCATT
 ATTTGTACTTCTAGCAAGTGCGCCACGGAAAAGCAGCGTCTGGAATGGGTGGGCTTGGTGAATCAA
 AATTTCGTATCCTGGTTGGAAGTTTGAAGAAGAATGAGTTTATTACACTGGCTCATGTGAATCCCCAGTCA
 TTTCCAGCCCCAAGGAAAGTCTGATAGGGAAGAATTCGCACAATGTGGGTGATTGGTTTAGTGTTTA
 AAAAACTGAAAACCTCTGAGAATCTCAGTGTGGACCTCACCTATGATATCCAGTCTTTCACAGACACAGT
 TTATAGGCAAGCAATAAACAGCAAGATGTTTGGATTGGATATGAAGATCGCAGCAATGCATGTGAAGAGA
 AAGCAGCTCCACCAGCTGCTGCCAAGTCATGTGCTTCCAGAAGGGAAGAAGCATTCAACAGAAGGAGTCA
 AGTTAGCAGCTCTGAATGACAGCAGCCTTGACTTGCTATGGACAGTGATAACAGCATGTCTGTGCCTC
 ACCCACCAGTGTATGAAGACCAGTCCATTGAACAGTTCTGGCAGCTCTCAGGGCAGAAACAGTCCCTGCT
 CCAGCTGTGACCCGAGCATCTGTGACCAGCATTAGGCTTCTGAGTTTTCTGTACCACAAGCAAATTTCCA
 GTGAAAGCCCAGGGGGTCCATCGAGCGAAAGCATTCTCAAACCTGCCACACAGCCAGCCATTTCTCCACC
 ACCAAAGCCTACAGTCTCCAGAGTTGTCTCCTCAACACGACTGGTAAACCCGTCGCTAGACCTTAGGA
 AACGCAGCAACAAAAGTACCTAATCCTATAGTAGGAGTCAAGAGAAGCCTCACCCATAAAGAAGAAA
 GTCCTAAGAAAACAAAACAGAAGAGGATGAAACAAGTGAAGATGCTAACTGTCTTGGTTGAGTGGACA
 TGATAAAACAGAGACAAAGGAACAAGTTGGCATGGAGACAAGTGGGCTCCGTGAGAAGCTGCTCCGGCC
 TCGGCGTCTCTGGTGGCCTCTCAGAAAACATCCAGTACAGACCTTCCGATATCCCTGCTCTCCCTGCAA
 ACCCTATTCTGTTATCAAGAATTCAATAAACTGAGACTGAATCGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001108056

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_001108056.2, NP_001101526.1</u>
RefSeq Size:	4047 bp
RefSeq ORF:	2220 bp
Locus ID:	314417
Cytogenetics:	6q32