

Product datasheet for **RN211221**

Papd7 (NM_001107333) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Papd7 (NM_001107333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Papd7
Synonyms:	Pols
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211221 representing NM_001107333
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCTTGTCTGAAGAAGCAGCCATGAGAAGGGAGGTGGTGAAGCGCATCGAACTGTGGTAAAAG
ACCTCTGGCCCTCGGCTGACGTGCAGATATTTGGCAGCTTTAGCACAGGCCTCTATCTTCCAACAAGTGA
CATAGACCTAGTGGTCTTTGAAAAGTGGGAGCGACCTCCATTACAGCTGTGGAACAAGCCTGCGGAAG
CACAACTGGCTGAACCATGCTCCATCAAAGTCTTGACAAAGCTACAGTGCCCATATAAAGCTCACAG
ATCAGGAGACTGAAGTTAAAGTCGACATCAGCTTAAACATGGAGACTGGTGTACGGGCGGCAGAGTTCAT
CAAGAATTACATGAAGAAGTACTCGCTACTGCCATACTTGATTTTAGTGTGAAACAGTTCCTCTGCAG
AGGGACCTGAATGAAGTCTTACAGGCGGGATCAGCTCCTACAGCCTCATCTTAATGGCCATCAGCTTTC
TGCAGTTACATCCAAGAATTGATGCCCGGAGAGCTGATGAAAACCTGGGAATGCTCTTGTAGAATTTT
TGAACCTTATGGAAGGAATTTAATTACTTGAAAACCTGGTATTAGAATAAAAAGAAGGAGGTGCCTATATC
GCCAAGGAAGAGATTATGAAAGCCATGACCAGTGGGTACCGACCGTCGATGCTGTGCATTGAGGACCCCC
TACTGCCTGGAACGATGTTGGGCGGAGTTCCTATGGGGCCATGCAGGTGAAGCAGGTGTTTGACTATGC
GTACATTTGTGCTCAGCCATGCCGTGTCACCGCTCGCCAGGTCTTACCCCAACAGGGATTCTGAAAGTACT
TTAGGAAGAATAATCAAAGTCACCCAGGAAGTGATCGACTACCGGAGGTGGATCAAAGAAAAATGGGGTA
GCAGAATCGTCCCGTCTCCAGACCTAGACAACAGGATTAAGATAAAGGAGAGAGTACCACGTGCAATGG
GGAGCAGATGCAGAGCCGGGAGCCAGCTCCCTTACAGCCAGCGCCTGACTCTGTCCCTGTCCAGCCCC
CAGCTGCTGTCTCAGGCTCCTCTGCTTCTGTGCTCCTCGCTTCTGGAAGTGACATTGATTCAGACA
CACCACCCTGCACCACGCCAGTGTTCATCAGTTCAGCCTGCAAGCACCCACCACCCTGATGGCCGGCCT
GCCACAGCCTTGCCAGTGCCAGCAGCAAGCCAGCCAGCTGCTTCCAGAACGTTGATCATGACAACC
AACAAATCAGACCAGAGTAACTATCCCTCCACCGACCCTCGGAGTTCGCCCTGTACCTGACAGACAGGCTG
GTGTCGACGGAACCACATCTTTGAAGGCCGTTCAACGTAACCTCCCCAGCCATTCCCTCGGCATCCCC
CAACCCACTGTCTAGTCTCATCTATCATAAGCACAATGGCATGAAACTGTCCATGAAAGTTCCAC
AACCACACTCAGGGTGGTGGCTACAGCTCTGTGGCAGTGGAGCTGTGAGGCTCCTGTTGGTAACCGAG
GACACCATCAGTACAACCGTACCGGCTGGAGGAGGAAAAAGCATGCACACACAAGGGACAGCCTGCCTGT
GAGTCTCAGCAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107333

Insert Size: 1626 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:

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_001107333.1](#), [NP_001100803.1](#)

RefSeq Size: 3819 bp

RefSeq ORF: 1626 bp

Locus ID: 306672

Cytogenetics: 1p11