

## Product datasheet for **MC200693**

### Papd4 (NM\_133905) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Papd4 (NM_133905) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Papd4
Synonyms:	8030446C20Rik; AI649009; GLD-2; Gld2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC016629 sequence for NM\_133905  
 GCCTTCCACGGCCGCGGGGCTGGCCTTAGGCTCGTGACTCTCCGCCGCCCTGCCCGCCGGAGCTGGG  
 CTCGCTGCGCCGGGCGCTGGCTGCTCCTACCTCTGCCTGCTCGGGCGGCAGCTCCGGCCTGGGAGCGTG  
 TTGGCGGGCAGTGCCGCTGGGCCCGCTCGGCCCTTGGCGTGGACGCCGGTAGAAGAATACATGTTTAC  
 CTTTAGTGAACAAGAGCATGTTCCCAAACCTCAATTTGGGTGCTCCACCCTTCACTCCAACCCACCAACA  
 GCATAAATAACTTTTGTCTCTCACCAACTCTTATTACACCAGCAACTTATAGATGCACAATCAAC  
 TTCAAATGTAGACTTGTCTAGAGCTGTGCCTTACAGCCTCTGACATATGGAAGTGTGAGTCAATCAAC  
 AGACCTCAACATCTCCATTATTTTCGAGGAAGGAAGAGAATAAGCGATGAAAAAGCTTTTCTCTTATGG  
 TAAACGGCAGCGTTTCCATTACCCACCAAGAGCCAACATAATCAACCAGCTAGTGCCTTTATCAGGT  
 GACAGAAGATATCCATGCCACCGTTGTTTACACGCACTATATACCAGATATAGTCAGATGTGTTCCAC  
 CTCTTCGAGAAATCCACTGTTAGAACCTCGAGAAATCACACTGCCTGAGGCCAAAGATAAGTTGAGTCA  
 GCAGATACTAGAGTTGTTTGAACCTTGCAGCAGCAAGCAAGTGACTTGAAGAAGAAAGAACTCTGTAGA  
 GCACAGCTGCAGAGAGATCCAGCTGCTTCCACAAAGCAGACTTTTTCTCGTTGGATCATCTTTGA  
 ATGGATTTGGTGCCTGAAGCAGTGATGGCGATTTATGCTTAGTTGTTAAAGAAGAACCATGTTTTTCCA  
 GGTAATCAGAAGACTGAAGCAGCATATACTCACCTTAGTCCATAAGCACTTCTGTACTAGACTGTCT  
 GGCATATTTGAGAGACCTCAGCTGATTCGAGCAAAAGTGCCAATTTGTAAGTTCAAGGATAAAGTCAAGT  
 GTGTGGAATTCGACTTAAATGTAACAATACCGTTGGAATTAGAAATACATTCCTTCTCAGAACCTATGC  
 ATACCTTGAAATCGAGTTCGTCCATTAGTGTGGTGATTAAGAAGTGGGCAAGTCAACATGACATCAAT  
 GATGCCAGTCGTGGCACATTAAGCAGCTATAGTCTTGTATTGATGGTTTTGCACTATTTACAAAACCTAC  
 CTGAACCCATCCTTCCATCCCTCAAAAAATTTACCCAGAATCTTTTAGTACTTCTGTCCAGCTGCACCT  
 TGTTTCATCATGCCCATGTAATGTCCTCCTTACCTCTCAAAGAATGAATCAAGTCTTGGGGACCTTTA  
 CTGGGCTTTCTGAAATATTATGCTACAGAATTTGACTGGAACACTCAGATGATTTCAAGTCTGAGCCA  
 AAGCCATCCCAAGGCCTGATGATATGGAATGGAGAAATAAATACATCTGTGTTGAAGAACCTTTTATGG  
 AACTAATACCGCAGAGCTGTGCATGAGAAGCAGAAGTTTGATATGATCAAGGATCAATTTTTAAAGTCA  
 TGGCAGAGATTGAAAAACAAGAGAGATCTGAACAGTGTGCTGCCTTTGAGAGCTGTACCCTGAAAAGAT  
 AACTGGTCTCAATTTCTCAATTTCTCAAGAAATAAAGAACAACAGATCTATCATAATTCATTTTGT  
 ACCTCCATCATGGTTTATTTTAAATGTTCTTGTGTTTTCATGTTTTATTTTTAAAAGGACATATATAAGAT  
 TGCATATTTTATGACATTTCTAATAAACTCTTTGATTTAAGAAAATGTAAAAAAAAAAAAAAAAAA AAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_133905

**Insert Size:** 1455 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:** [BC016629](#), [AAH16629](#)

RefSeq Size: 1897 bp

RefSeq ORF: 1455 bp

Locus ID: 100715

UniProt ID: [Q91YI6](#)

Cytogenetics: 13 C3

**Gene Summary:** Cytoplasmic poly(A) RNA polymerase that adds successive AMP monomers to the 3'-end of specific RNAs, forming a poly(A) tail. In contrast to the canonical nuclear poly(A) RNA polymerase, it only adds poly(A) to selected cytoplasmic mRNAs. Does not play a role in replication-dependent histone mRNA degradation (By similarity).[UniProtKB/Swiss-Prot Function]