

## Product datasheet for **MC220243**

### **Padi3 (NM\_011060) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Padi3 (NM_011060) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Padi3
Synonyms:	A1507004; mKIAA4171; Pad3; Pdi3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220243 representing NM\_011060  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTCTACAGAGGATTGTGCGTGTGTCTCTGGAGACCCACCAGCGTGTGTGTGGCAGGGTTG  
 AGACCATCGTGGACATTTATGGGGCGTTCTGAGGGCACAGACATGTTTGAGGTCTACGGGACACCGGG  
 AGTGGACATCTATGTGTCTCCAGCATGGAGAGGAGCCGAGAGCGAGCTGACACCAGCGGTGGTCTTC  
 AACAAAGGGCCTGGAGATTATTGTAATCATGAACTCCCCTAGCAATGACCTCAACGACAGCCATGTTGAGA  
 TAGCCTACCCTCCAGCCGAGAGCATTGGCCCTGGCCTATGCAGTACTCTACCTCACCTGTGTGGACAT  
 CACCCTAGACTGTGACATGAACTGTGCGGACCGGACAGGAGCTTCGTGGATAAGAGGCAGTGGGTG  
 TGGGGCCTGATGGGTACGGAGCCATCTGCTGGTGAAGTGTGATCGGGACAATGTCGACTCTAATGCC  
 AAGATAACTGTGACCAATATGTGCGTTGCCTGCAAGATCTGGAAGACATGTCGTCATGGTCTACGGAC  
 CCAGGGCCCCGAAGCCCTTTTGGAGACCAGGCTTATCTCCACACCTCCAGCTGTGATGCAGAGCGG  
 GCACGGGTCTTCCATGTCTGCGGCCCGAGGATTCCTGTGAGTCTATAAGTGTGTTCTGGGCCAGACA  
 GGATGTCTATGAGGTGCCCCGCTGAAGGGCTATGAGGAGCGCTTCTCGTGGAGGGCCTCTCCTTCCC  
 GGATGCAGGCTTCCCAGGGCTCATTTCCTTCCATGTCACTCTGCTGGATGATTCTAATGAGGACTTCTCC  
 GAGACCCCATCTTACCAGACACAGCAGTGTCCGGGTGGCCCCCTGGATCATGACACCCAGCACCTGC  
 CACCCCTAGAGGTGTACGTGTGCCGGGTGAGGAATAACACCTGCTTTGTGGAAGCCGTGGAGGAGCTGGC  
 TAGGAAGCGGGCTGAAACTCACCATCTGTCTCAGGCAGAGAACCAGGACCGCTGGATCCAGGAT  
 GAGATGGAGCTGGGTATGTGCAGGCGCCACACAAGACCTTGGCGGTGGTCTTCGATTCTCCGAGGAACG  
 GAGAGCTGCAGGGCTTCCCTTACAAAAGGATCCTGGGTCTAGATTTCCGGCTATGTGACACGGGAACCTAA  
 AGACAGTTCTGTGAGTGGTCTGGACTCTTTGGCAACCTGGAGGTGAGCCACCGTGGTGGCCAATGGG  
 AAGGAGTATCCCTTGGGAGAATCCTCATCGGGGCAACCTGCCTGGTGCAGAGGCCGAGAGTGACCC  
 AGGTGGTGCAGAACTTCTCCATGCCAGAAAAGTGAACCTCTGGTGGAGCTGTTTGTGGACTGGCTGGC  
 TGTGGGCCACGTGGATGAGTTCTGAGCTTCGTCCTGCACCCGACGGGAAGGGCTTCCGGCTCCTCCTG  
 GCCAGCCCTGGCGCTGCTTCAAGCTATTCAGGAAAAGCAGAAGTGGGGCCATGGCCGGTCCCTGCTTT  
 TCGAGGGTGTATTGGCAGAGGCGGTCCAGACCGTCTCCATCAATCAGATTCTTAACAACCAGAGCCT  
 TATCAACTTTAATAAGTTTGCACAGAGCTGTATCGACTGGAACCGGAGGTACTGAAGCGGGAGCTGGGC  
 CTGGCGGAGGGTGACATCATCGACATCCCGCAGCTCTTCAAGACGGAGAAGAGGAAGGCAGTAGCCTTCT  
 TCCCCGACTTGGTGAATATGCTGGTCTGGGCAAGCACCTGGGCATCCCCAAGCCCTTCCGGCCCATCAT  
 CAATGGTTCGCTGCCTGGAGGAGAAGGTGCGCTCCCTGCTGGAGCCGCTGGGTCTGACTGCACCTTC  
 ATCGATGACTTACGCCATACCACATGCTGCACGGGGAGGTTCACTGTGGCACCAACGTGCGCCGGGAGC  
 CCTTCGCCTTCAAGTGGTGGCACATGGTGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_011060
- Insert Size:** 1995 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\\_011060.4](#), [NP\\_035190.3](#)

**RefSeq Size:** 3068 bp

**RefSeq ORF:** 1995 bp

**Locus ID:** 18601

**UniProt ID:** [Q9Z184](#)

**Cytogenetics:** 4 72.5 cM

**Gene Summary:** Catalyzes the deimination of arginine residues of proteins.[UniProtKB/Swiss-Prot Function]