

Product datasheet for **MC201892**

Padi6 (NM_153106) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Padi6 (NM_153106) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Padi6
Synonyms:	ePAD; Pad6; Padi5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC053724 sequence for NM_153106
AAGAGGTAATCCCTCTGGTGGGTAAGGACTGCTGACAGTGGCTAGCTTGGTAAGCCCAGCCATGTCTTTT
CAGAACTCACTCAGCCTGTCTCTGGTCAATCCCACCCATGCCCTCTGCATGGTAGGCATGGAAATCACCT
TGGACATCAGCAAGTGTGCACCAGACAAGTGAAGTCTTTACCATCCGTGGTCCCCCAGGATCTTGAT
CCACATCTCTAGCTCCGTATCGCTGGCAAAGAGGACGCTGTGGTCTGGAGGTCAATGAACCATCCCACA
GTGGCATTGGTGAGGATGGTGGCGCCACGCCACTGTGGATGAAGACAAGGTGCTGGTCTCCTACTTCT
GTCCCTGACCAAGAAGTCCCCACGGCCACAGCTGTGCTGTTTCTCACCGGCATCGAGATCTCCCTGGAGGC
AGACACCTATCGAGATGGACAACCTGGACATGCCAAGTGATAAGCAAGCTAAGAAAAAATGGATGTGGGGT
ATGAACGGCTGGGGAGCCATCCTGCTTGTGAATTGTAGCCCTAATGCTGTGGGCCAGCCTGATGAACAGT
CCTTTTCAGGAGGGCCCCAGAGAAATACAGAACCTGTCCCAGATGAATGTAAGTGTGGAGGGCCCCACCAG
CATCTACAGAATTACCAGTTGATCCTACATACCTCCGAAGAAGAGGCGAAGAAGACAAGAGTCTACTGG
TCTCAGAGAGGCTCCTCTGCGTATGAAGTGGTGGTGGGACCCAACAAGCCTGTCTATCTCCTGCCTACCT
TTGAGAACCGTAGGAAAGAGGCTTTCTACGTAGAAGCCACGGAATCCCCTCCTCCAGCTTCTCGGGCCT
GATCTCCTTGTCCTCTCCTTAGTAAAAAGGCTCACGACGAGTGCATCCAGAGATTCCGCTCTATAAG
GATACAGTGATGTTCCGGGTGGCACCTTATATCTTCATGCCACGACCCAGATGCCTCTAGAGGTTTACC
TGTGCAGGGAGCTACAGCTGCAAGGCTTTGTGGACTCAGTGACCAAGCTGAGCGAGAAGAGCAAAGTGCA
GGTGGTAAAGGTCTATGAGGACCCCAACCGCCAGAGCAAGTGGCTCCAGGACGAGATGGCTTTTCTGCTAT
ACTCAGGCTCCTCACAAGACGGTGTATTGATCCTTGACACCCCAAGGGTTTCCAAGCTGGAAGACTTCC
CCATGAAATACACACTGACCCCTGGCTCTGGCTACCTGATCCGACAAACTGAGGACCACCGGGTGGCTAG
CCTGGATTCCATCGGGAACCTGATGGTATCTCCGCTGTCAAGGCTCAGGGCAAAGACTACCCTCTAGGG
AGGGTCCCTATTGGTGGCAGCTTTTACCCAGCTCTGAGGGCCGGGACATGAACAAGGGCCTGCGAGAAT
TCGTGTATGCCAGCAGGTGCAGGCCCTGTGGAACCTTCTCGGACTGGCTGATGACCGTCCATGGA
TCAATTCATGTGCTTTGTCCTACCAATGATAAAAAACAACGACCAGAAGGACTTCCGCCTGCTGCTGGCC
AGCCCCAGTGCCTGCTTTGAGCTGTTGAGCTGTTGAGCTGTTGAGCTGTTGAGCTGTTGAGCTGTTGAGCTGTTG
AAGACATTGGAGCAGAACAGCTCCTTTCTAATGGGAGGGAGAGCAAAAATTTTCCCAAATCCTGGCTGA
CAAGAGTTTTTCGAGAGCAGAACACCTATGTTGAGAAGTGTATCAGCCTGAACCGCACCTCCTGAAGACA
GAACTGGGATTGGAGGACAAGGACATCATCTGATCCCGCAGCTCTTCTGCCTGGAGCAGCTGACGAATG
TCCCTCCAACCAGCAGAGCACCAAACTTTCGCGAGGCCGACTTCCCCGACATGCTGCAGATAATCGT
GTTGGGCAAGAACCTTGAATCCCCAAGCCCTTTGGGCCAAAATCAATGGCACCTGCTGCCTAGAAGAG
AAAGTGTGTGGATTACTGGAGCCCTGGGTCTCAAGTGCACCTTCATTGATGATTTTACTGCTACCTGG
CCAACATAGGGGACGCTCTGTGCCAGTGCATCATAAACAGGGTGCATTTGCATTCAAGTGGTGAAGAT
GACCCCATAAACCCTGGCCCTGGCACGGCCAGTCCGCGCCAGTACGGATGGCCTTTGCCATAGATAGTA
GTGGGTGCGAGCGTTGTTGTTGCTACTGGGTTGAAGGGACGGAGAGCTGGGAGTTAGGGTCTCTCACATCT
ACCAGCTTGACACTTCTGGAGGGGAAAAGGGAAAAGAGCGCCTATGTAACAAATGGCATAGAGCCAAT
AAAGCATGGTATTCTGAAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI

ACCN: NM_153106

Insert Size: 2049 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC053724 , AAH53724
RefSeq Size:	2341 bp
RefSeq ORF:	2049 bp
Locus ID:	242726
UniProt ID:	Q8K3V4
Cytogenetics:	4 72.26 cM
Gene Summary:	Catalyzes the deimination of arginine residues of proteins (By similarity). May be involved in cytoskeletal reorganization in the egg and early embryo (PubMed:17587491). [UniProtKB/Swiss-Prot Function]