

Product datasheet for **RN217099**

Padi6 (NM_001191766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Padi6 (NM_001191766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Padi6
Synonyms:	RGD1560424
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217099 representing NM_001191766
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTTTTCAGAGTACTCTCAGCCTGTCTCTGGACAGCCCCACCCATGCTATCTGCATGGTGGGTATGG
 AAATCACCTTGGACATCAGTGGGTGCGCCAGATAAGTGTGAGTCCTTACCATCCGTGGCTCCCCAG
 GGTCTTGATCCACATCTCCAGCTCCGTCATTACCGGGAAGGAGGATGCTGTGGTCTGGCGCCAATGAAA
 CAACCCACAGAGGCACTGGTGAGGATGGTGTACCAGCCCACTGTGGACGAAGACAAGGTGCTGGTCT
 CCTACTACTGTCCTGACAAAGAGGTCCCCACGGCCACAGCTGTGCTGTTCCCTCACTGGTATTGAGGTCTC
 CCTGGAGGCAGACATCTATCGGGATGGACAACCTGGACATGCCAAGTGATAAAACAAGCTAAGAAAAGATGG
 ATGTGGGGTCTGAACGGCTGGGAGCCATCCTGCTCGTGAATTGTAATCCTGAAACCCCAAGCCAGTCTG
 ATGAGCAGTCCGGGGCTCAGGAGAGCCCCAGAAAATACAGAACCTGTCTCAGATGACGCTAACTGTGGA
 GGGCCCCACCAGCATCCTTCGGGACTACCAGTTGCTTCTACATACCTCCAAGGAAGAGGCGAAGAAGACA
 AGAGTCTACTGGGCTCACAGGGGCGCCTCTGCCTATGAACTGGTGTAGTAGGACCTGACAAACCTTTCCACA
 TCTGCCTACCTTTGACACCCGTTGGGAAAGAGACTTTCTACATAGAAGCCACAGATTCCCATCTCCAG
 CTCTCTGGCCTGATCTCCTTCTCGGTCTCCCTAATAGAACAGGCTCATGACCAGTTGATCCCAGAGACC
 CCGCTATAAAGGATACAGTGTGTTCCGGGTGGCACCTTACATCTTCTGCCAGTACCCAGCTGCCTC
 TAGAGGTTTACCTGTGCCGGGAGCTACAGCTGCAAGGCTTTGTGGACTCCGTGACAAAGCTGAGTGAGAA
 GAGCAACGTGCAGGTGGCATCCGTCTATGAGGACCCCAACCGCCAGGGCAGGTGGCTACAGGACGAGATG
 GCTTTCTGCTATACGCAGGCTCCTCACAAAGACTGTCTTCTATCCTTGACACCCGAGGGTTGCCAAGC
 TGAAGATTTCCCATGAAATACTCACTGAGCCCTGGCGTTGGCTACCTGATCCAAGAAACTGAGGACCA
 CCGGGTGGCTAGCCTGGATTCCGTCCGGGAACCTGATTGTATCCCCGCTGTCAAGGCTCAGGGCAAAGAC
 TACCCACTAGGAAGGATTCTCATTGGTGGCAGCTTTTACCCAGCTTTGAGGGCCGGGACATGAGCAAGG
 CCCTACGAGACTTCGTGTACGCCAACAGGTGCAGGCCCTGTGGAGCTTTCTCGGATTGGCTGATGAC
 CGGTACAGTGGATCAGTTCCTATGCTTTGTCCCTGTGATGATAAGAACAGTACAGGAAGGGCTTCCGC
 CTGCTGTGGCCAGTCCCAGTGCCTGCTATGAGCTCTTTGAACAGAAGCAGAAGGAGGGCTTTGGGGACG
 TGACGCTGTTGGAAGATGTCAGAGCAGAACAGCTCATTCTAATGGGAGGGAGGTCAAACCATCTCCCA
 AATCCTGGCTGATGAGAATTTGCGAGAGCAGAACGCCTATGTGGAGAAGTGCATCAGCCTGAACCCGACC
 CTTCTGAAGAAGGAACTGGGACTGGTGGACAATGACTTCATCAGGATCCCACAGCTTTCTGCCTGGAGC
 CGCTGACAAACGTCCCCTCCAACCAGCAGACCTCAAACCTCTTTGCAAGGCTTACTTCCCCGACATGCT
 GCAGATGATCGTCTAGGCAAGAACATTGGGATCCCCAAGCCCTTCGGGGCCCAATCAAGGGCACCTGC
 TGCTTGGAAAGAGACGGTCTGTGGCTTACTGGAGCCCCTGGGTCTCAAGTGCACCTTCATTGATGACTTTG
 ACTGCTACTTGGCCAACATAGGGGACGCCTGTGCCAGTGTATCGTAACCCGGGTGCCATTTGCATTCAA
 GTGGTGGAAAGATGAACCCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191766
- Insert Size:** 2052 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191766.1, NP_001178695.1</u>
RefSeq Size:	2052 bp
RefSeq ORF:	2052 bp
Locus ID:	298595
Cytogenetics:	5q36