

Product datasheet for **RN210358**

Pitpnm2 (NM_001107139) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnm2 (NM_001107139) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pitpnm2
Synonyms:	MGC189186
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210358 representing NM_001107139 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCATAAAGGAATACCGGATTCCCCTGCCAATGACTGTGGAGGAATACCGCATCGCCAGCTGTACA
TGATACAGAAGAAGAGCCGGAACGAGACCTATGGACAAGGCAGCGGAGTGGAGATCCTGGAGAACCAGACC
CTACACAGATGGTCTGGGGCTCCGGGCAGTACACCCACAAGGTGTATCATGTGGGCATGCACATTCTCT
GGCTGGTTTCGCTCCATCTTGCCAAAGCAGCCTTGCGGGTGGTGGAGGAGTCTGGAACGCCTACCCCT
ACACCCGAACAAGGTTACCTGCCCTTTGTGGAGAAGTTCTCCATTGACATTGAAACCTTTTATAAGAC
AGACACTGGGGAAAACAATAATGTGTTCAACCTGTCTCCTGTGGAAAAGAACCAGCTGATAACAGACATC
ATCGACATCGTCAAGGATCCTGTGACCCCCAGTGAGTACAAGACAGAAGAAGACCCCAAGCTCTTCCAGT
CGATCAAGACTCGCCGGGGACCTCTCTCTGAAAACCTGGATTTCAGGAGTACAAGAAGCGGCTCCTCCCAT
CATGTGCGCCTACAAGCTCTGTAAGGTGGAGTTCGGTACTGGGGCATGCAGTCCAAGATCGAGAGGTTT
ATCCATGACACAGGCTTGCGCGGGTGATGGTGAGGGCCACCGGCAGGCCTGGTGTGGCAGGACGAAT
GGTATGGGCTGACCATGGAGAAAATCCGAGAGCTGGAGAAGGAGGTACAGCTCATGCTGTCCCGCAAAAT
GGCCAGTTTTTCGAGGAAGGACCATCAGAATAAGCAAGGAGAGTACAATCAAGGACCAGGCAACTGGA
GCAACTCCTGAACCCAGCAGCAATGGGAGTCTCTGGGGCGGGTCTGAAGAAGCAGTGGTCCACCT
CTCCAAGTCTCAAGGTCTCCAAGCGCGGAGCCAGCCCTCCCGGCATAGCATCTCAGAGTGGAGAAT
GCAGAGTATCGCCAGGGACTCTGACGAAAGCTCAGAAGAAGAGTTCTTCGATGCACAAGAAAACCTGCAG
CACAAGGAGGAAATGTACACCAAGGACATCACCAAGTGGAGCTCCAATGACCTCATGGACAAAATGGAGA
ATCCAGAGCCTGAGGAATCACAGGACTCTCTTACCACCAGAGTGGCTCTGAGTTCAGGGTGGCCTCCAG
TGTGGAGCAGCTGAACACCATCGAGGATGAGGTGAGCCAGCCACTAGCCACACCACCTCCAAGATTAC
GTGCTGCTGCTGGTGTGCATGGAGGCACTATCTGGACACGGGAGCGGGTGACCCAGCTCCAAGCAGG
GTGACACCAACTATACCAATGTGTTTCGACACCGTATGCGTGTGCACTACCCAGTGCCTTAGGCCA
CCTAGCCATCCGCTGGTGCCTGCCACCCATCTGTGCCGATGCCTTCGCCCTCGTCTCAACCTCAGT



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CCCTATGGCCATGATGAGGGCTGTCTGTCTAGCAGCCAGGACCACATCCCCCTGGCTGCTCTGCCCTGC
TGGCCACTTCCTCAGCCAGTACAGGAGGCGAGTTGCTACAGTGATTACGCGGGCCAACCTGGCCTATGG
AGACTTTATCAAGTCCCAGGAAGGCGTGACCTTCAACGGACAGGTCTGCCTGATTGGAGACTGTGTGGG
GGCATTCTGGCGTTTGATGCCTTGTGCTACAGTGGCCAGCCAGTGTCTGAGAGCCAGAGCAGTAGCCGCC
GGGGCAGTGTGGTCAGCATGCAGGACGTGACCTGCTGTCCCGGGCATCCTGGTGAATGCAGCACACTG
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AACATTGACATCCCCGAAGCAACGGCACGGAGGACTCCAGAAAGCAGATGCCTCGAAAAGGAGCGACT
CCTCCACCTATGAGCTGGACACCATCCAGCAGCACAGGCTTCCCTGTCCAGCCTCCATGCCAGCGTACT
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TTTGACTTCGAGATCGCCGACCTCTTCTCTTCGGGTGCCACTGGGGCTAGTCTAGCCTTGAGGAAAA
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TGCGGACCCTTACGCTCCCGCTGGAACCGCTGCTGGAGCGCGTTCACACCTGCCGCCCTTCAAC
ATCCCTCGATACCAGCGTACCCGCTGGGGATGGCTGTTCCACACTGCTGGCGGATGCGCTCCAGACCC
ACAACACAGTCTTCAAGAGCATGCAGCCCCCTCGTACCCGGCACAGCCCTGTAGCCGTGGCTTCCG
CAGAGCCAGTGAGATCAGCATCGCCAGTCAGGTGTGAGCATGGCGGAGAGCTACACAGCATCCGCGATT
GCCCAGATTGCTGCCAAGTGGTGGGGCCAGAAGCGGATTGACTACGCCCTGTACTGCCCCGACGCCCTCA
TGGCCTTCCCCACAGTGGCCCTGCCCCACCTCTTCCATGCCAGCTACTGGGAGTCAACCGATGTGGTCTC
CTTTCTGCTGAGACAGGTGATGCGGCACGACAGCGCGAGCATCCTAGAGCTGGACGGCAAGGAGGTGTC
GTGTTACGCCTTCGAGCCAGGAGAGTGGCAGCGCAAGAGAACCCACGTGAAGCTCCGGAACGTGG
CAGCCAATCACCAGGATCAATGATGCAGTTGCCAATGAGGACGGCCACAGGTTGTGACAGGCCGGTTCAT
GTACGGGCCCTTAGACATGGTCACCTGACTGGGAAAAGGTGGATGTGCACATCATGACGACGCCGCC
TCAGGTGAGTGGCTGTACCTAGACACTTAGTGACCAACAGCAGTGGGCGTGTCTCTACACGATTCCAG
AAACACACCGCCTGGGGGTGGGCGTGTACCCTATCAAGATGGTGGTCAGGGGAGACCACATTTGCCGA
CAGCTACATCACTGTGCTCCCCAAGGGCACAGAGTTTGGTCTTCAGTATCGATGGCTCCTTTGCGGCT
AGCGTGTCCATCATGGGCAGCGACCCCAAGGTGCGCGCCGGGGCTGTGGACGTGGTGCAGACTGGCAGG
ACCTGGGCTACCTCATCTATGTGACCGGCCGCGGACATGCAGAAGCAGCGGGTGGTGGCATGGCT
GGCTCAGCACAATTTCCCTCAGGTGTGGTGTCTTCTGTGATGGCTGGTGCAGACCCGCTGCCCCAC
AAGGCTAACTTTCTGAAGCTGCTCATCTCTGAGCTGCACCTGCGCGCGCATGCGGCTACGGCTCCACCA
AGGATGTGGCGTCTAAGCTCCATCAGCCTTTCTCCATGCACATCTACATTGTGGGCCGCCACCA
GAAGTTGCAGCAGCAGTGTGAGTTCATCAGACGGCTACGCGGCCACCTGGCCAGCTCAAGTACAAT
CACCAGGCGCGGCGAGCGGGAACACAGCAACGCGCATGGCTTTGCGCAAGGGCAGCTTCGGTCTGCTG
GCCAAGGTGACTTCCTTCGCTCCCGGAATCACCTGCTCCGACCATCTCGGCTCAGCCAGTGGGCCAG
CCATCGGCACGATCGGACACAGACCCAGATGGACTTGGAGCAGCGGGGCCAGCGCAGCATGAGCATGGCG
GCCAGTTGCTGGGGCGTGCCATGGCAGGCCGGCTGAACCCGGGGCAGCCACAGGACCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107139

Insert Size:

3846 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_001107139.1, NP_001100609.1

RefSeq Size: 6598 bp

RefSeq ORF: 3846 bp

Locus ID: 304474

Cytogenetics: 12q15