

Product datasheet for **MC223065**

Pitpnm2 (BC070452) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnm2 (BC070452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pitpnm2
Synonyms:	NIR3, RDGBA2, mKIAA1457
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC070452 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCATAAAGGAATACCGGATCCCCTGCCAATGACCGTGGATGAATACCGCATTGCCAGCTGTACA
TGATACAGAAGAAGAGCCGGAATGAGACCCACGGCAAGGCAGCGGGTAGAGATCCTGGAGAACCAGCC
CTACACAGACGGCCTGGCGGCTCGGGCAATACACCCACAAGGTGTATCATGTGGGCATGCACATTCT
GGCTGGTTTCGCTCCATCTTGCCAAAGCAGCCTTGCGGGTGGTGGAGGAGTCCTGGAATGCCTACCCT
ATACCCGAACAAGTTACCTGCCCTTTGTGGAGAAGTTCTCCATTGACATTGAAACCTTTTATAGAC
AGACACTGGGGAAAAACAATAATGTGTTCAACCTGTCTCCTGTGGAAAAGAGCCAGCTGATAACAGACATC
ATCGACATCGTCAAGGATCCTGTGCCCCAGTGAGTAAAGACAGAAGAAGACCCCAAGCTGTTCCAGT
CAGTCAAGACTTGCCGGGACCTCTTTCTGAAAAGTGGATTGAGGAGTACAAGAAGCGGCTCCTCCCAT
CATGTGCGCCTACAAGCTCTGCAAGGTGGAGTCCGATACTGGGCGATGCAGTCCAAGATTGAAAGGTT
ATCCATGACACAGGTCTGCGCGGGTATGGTGGAGGCCCACCGCAGGCTGGTCTGGCAGGACGAGT
GGTACGGACTGACCATGGAGAAAAATCCGAGAGCTGGAGAGGAGGTGCAGCTCATGCTGCCGAAAAT
GGCCAGTTTTTCGAGGAAGGCCCTCAGAAGTAAAGCAAGGACAGTGCCCAAGGACAGGCATCTGGA
ACAACCTCTGATCCTGGCAGAAAAACGGGAGCCTCTGGGCGGGGCTGAAGAAGCAGTGGTCCACCT
CCTCCAAGTCTCAAGTCTCCAAGCGGGGAGCCAGCCCTCCCGACATAGCATCTCAGAGTGGAGGAT
GCAGAGTATCGCCAGGACTCCGACGAAGGCTCGGAAGAGGAGTCTTCGATGCACATGAGAACCTGTAC
TGCACAGAGGAAAAACAAGCAAGGACATGACCAAGTGGAACTCCAACGACCTCATGGACAAAATGGAGA
GTCCGGAGCCTGAGGAATCACAAGATGAAATCTACCAGCAGAGTGGCTCTGAGTTCAGGGTGGCCTCCAG
CTTGGAGCAGCTGAACATCATCGAGGATGAGGTGAGCCAGCCACTAGCCGCGCCACCCTCCAAGATTAC
GTGCTGCTGCTGGTGTGATGGAGGCACCATCCTGGACTGGAGCGGGGACCCAGCTCCAAGCAGG
GGGACCAACTATACCAACGTGTTGACACCGTATGCGCGTGCACTACCCAGTGCCTAGGCCA
CCTAGCCATCCGCTGGTGCCTGCCACCCATCTGTGCTGATGCCTTCGCCCTGCTCCAACCTCAGT
CCCTATGGCCATGATGAGGGCTGTCTGTAGCAGCCAGGACCACATCCCCCTAGCTGCCCTGCCCTGC



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TGGCCACTTCTCAGCCAGTACCAGGAGGCAGTTGCTACAGTGATTCAGCGGGCCAACCTGGCCTACGG
 AGACTTCATCAAGTCCCAGGAAGGTGTGACCTTCAATGGTCAGGTCTGCCTGATTGGAGACTGTGTTGGG
 GGCATCTTGGCATTGATGCCTTATGCTACAGTGGCCAGCCAGTGTCTGAGAGTCAAAGCAGTAGCCTGC
 CGCCTTTCAGCATCCCTCGGTACCAGCGCTACCCGCTGGGGGACGGTGTCCACACTGTGGCGGATGT
 GCTTCAGACCCACAACACAGTCTTCCAAGAGCATGCAGCCCCCTCGTACCTGGCACAGCCCCTGCTGGC
 CGTGGCTTCCGCAGAGCCAGTGAATCAGTATCGCCAGTCAAGTGTGAGGATGACTATGCCCTGATTGCC
 GGACGCCCTCACGGCCTTCCCCACGGTGGCCTTGCCCCACCTCTCCACGCCAGCTACTGGGAGTCAACC
 GACGTGGTCTCCTTTCTGCTGAGACAGGTGATGCGGCACGACAGCTCGAGCATCCTAGAGCTGGACGGCA
 AGGAGGTGTCCGTGTTACGCCTTACAGCCCAGGAAAGGTGGCAGCGCAAGAGGACCCACGTGAAGCT
 GCGGAACGTGGCAGCCAACCACCGGATCAATGACGCAGTTGCCAATGAGGATGGCCCGCAGGTTGTGACG
 GGCCGGTTCATGTATGGCCCTTAGACATGGTACCCTGACTGGGAAAAGGTGGATGTGCACATCATGA
 CGCAACCACCTTCAGGTGAGTGGCTGCACCTAGACTCTAGTGACCAACAGCAGTGGGCGCGTCTCCTA
 CACCATTCCAGAAACACACCGCCTGGGGTGGGCGTCTACCCATCAAGATGGTGGTCAAGGAGACCAC
 ACATTCGCGGACAGCTACATCACTGTGCTCCCCAGGGGCACAGAGTTTGGTCTTCAGTATAGACGGCT
 CCTTTGCCGCCAGTGTGTCCATCATGGGACGCGACCCCAAGGTGCGCGCCGGGGCTGTGGACGTGGTGGC
 AACTGGCAGGACCTGGGCTACCTCATCTATGTGACCGGCCGGCCGACATGCAAAAGCAGCGGGTG
 GTGGCATGGCTGGCTCAGCACAATTTCCCTCATGGTGTGGTGTCTTCTGTGATGGCCTGGTGCACGACC
 CACTGCGCCACAAGGCTAACTTTCTGAAGCTGCTCATCTCTGAGCTTACCTGCGCGCACATGCGGCCTA
 CGGCTCCACGAAGGATGTGCGAGTCTATAACTCCATCAGCCTCTCTCCATGCACATCTACATTGTGGGC
 CGCCCCACCAAGAAGCTGCAGCAGCAGTCCAGTTCATCACGGACGGCTATGCGGCCACCTGGCCCAGC
 TCAAGTACAATCACCGGGCTCGCCAGCCCGGAACACGGCCACGCGCATGGCTTTGCGCAAGGGCAGCTT
 CGGCCTACCTGGCCAGAGTGACTTCTTCTGCTCTCGGAATCACCTGCTCCGACCATCTCGGCCAGCCC
 AGTGGGCCAGCCATCGGCACGATCGGACACAGACCCAGATGGACAGCGAGCAGCGGGGCCAGCGCAGCA
 TGAGCGTGGCAGCCAGCTGCTGGGGCCAGCCATGGCAGGCCGGCTTGAACCAGGGGCAGCCACGGGACC
 CAAGTAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC070452
- Insert Size:** 3297 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:** [BC070452](#), [AAH70452](#)

RefSeq Size:	6235 bp
RefSeq ORF:	3296 bp
Locus ID:	19679
Cytogenetics:	5 63.39 cM
Gene Summary:	Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro). Binds calcium ions (By similarity).[UniProtKB/Swiss-Prot Function]