

Product datasheet for **MC222932**

Pitpnm3 (NM_001024927) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnm3 (NM_001024927) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pitpnm3
Synonyms:	A330068P14Rik; Ackr6; AI848332; Gm880
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222932 representing NM_001024927

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCAAGGCGGGCAGCGCAGGTGGCCCTCCCCGGGTGGCGGTGCCCCCTGGCACCTTCGGAATGTCC
TCAGTGATTTCGGTGGAGAGTTCAGATGATGAATTCCTTTGATGCTAGAGAGGAGGTGGCTGAAGGAAAGAA
CGCCATCCTTATTGGAATGAGCCAGTGGAGCTCCAATGACCTGGTAGAGCAGATCGAGACCATAGGGAAG
CTGGATGAGCGTCAGGGAGACGGGGCCACAGCGTGCACATCCAGCATCCTGCAGGAGAAGCAGCGAGAAC
TGTACCGGGTGTCCCTCAGAAGGCAGAGGTTCCAGCCCAAGGAAGTATCGAGATTCATGAAGATGGCGA
GGAAGGCTGTCTACAGCGCTCCTGCAAGACACACGTCTTCTGCTGGTGTGCATGGGGGCAACGTCTCTG
GACACCGGCTCTGGTACCCTTCTGCAAGGGCGCCGACATTCACTTTTCAGCTCTGTGCTGGAGAAGG
TCATGCGCGCCCACTTCCCTGCTGCCCTGGGACACATCCTCATCAAGTTTGTCCCTTGCCTGCCATCTG
CTCGGAGGCTTTCTCGTCGTCTCTAACCTGAACCCCTATAGCCACGACGAGGGTGCCTCGGTACCAGC
CAGGACCACGTGCCCCCTGGCTGCCCTTCCCTGCTGGCCATCTCCTCCCCACAGTACCAGGACGCTGTTG
CCTGTGCATCGAGCGAGCCAACCATCTATGGCGAGTTCCTCAAGTCCTCTGATGGGATTGGCTTCAA
TGGGCAGGTGTGTCTCATCGGGGACTGTGTGGCGGCCTCCTGGCTTTCGATGCTATCTGCTACAGTGGC
GGACCCTCAGGGGACAGCCCTGGCAGCAGCAGCCGGAAGGGGAGCATCAGCAGTACCCAGGACACCCCTG
TGGTGGTGAAGAGGACTGCAGTCTGGCCAGCAGCAAGCGGCTCAGTAAGAGCAATGTCGATGTCTCCAG
TGGAGTGGAGGATGAGGACCCCAAGAGGCCGTTGCCTCGGAAACAGAGTGACTCCTCCACATATGACTGT
GAGGCGATCACCCAGCATCATGCCTTCTCTCAAGCATCCACTCCAGTGTGCTGAAGGATGAGGCTGAGG
CTCTTGCAGCTGGCACCCCCAGCTCTCTGAGGTCAGCCTGGTTCGCTTGGACTTTGACTTTGATGTGTGACT
CTTCTCTTCGGCTCACCACTGGGCTGTCTGCGCCATGCGGAGGACAGTGTGCTGGGATAGATGGT
TCCAGATGCGTCTGCCTGTAGCCAGGCTACAGCTTCTTCCACTGTGCAGATCCCTCTGCTTACCGGC
TTGAGCCACTGCTGGAGCCCAAGTTCACCTGGTGCCTCCTGTCAGCGTGCCTCGTACCAGAGGTTCCC
CCTGGGCGATGGACAGTCTCTCTGCTCGTGTGCTGACCCACAGCCCCCTATTCTGGAGGGA
AGCTCCCGGGGAAGCCCCCGCTTCTGGATGCCCTGCCCTCGCCCCCTCAGGCCCAAGATTCCAGCGCA
CAGAACGGAGGCTAAGTAAAGGCAGTCCCATAGCGACAGTTCAGAGTCTCGGACAGCCTGGCGCCTAT
GGGTGCCTCCCGCATCACAGCCAAGTGGTGGGGAACCAAGAGGATTGACTATGCCCTGTACTGCCAGAT
GTCCTCACCGCTTCCCCACAGTGGCTCTGCCTCACCTTCCATGCCAGTACTGGGAGTCTACCGATG
TGGTGCCTTTCATCTTGAGACAGGTGATGCGTTACGAGAGTGCAAGTGTGAAGGAGAGCACTGGTCTGGA
CCCCACAGCTCTGAGCCCTGCTAACCCCGTGAGAAGTGGCTGCGTAAGCGAACCAGGTCAAGTTGCGG
AACGTTACTGCGAACCACCGTGCCAATGATGTAATTGCTGCTGAGGATGGCCCCAGGTCTTGGTGGGGC
GCTTTCATGATAGGCCCTTTCGACATGGTAGCTCTGACTGGAGAGAAGGTGGACATCCTGGTGTGACAGA
GCCGTCGTCAGGCCGCTGGGTCCACCTGGACACAGAAATCACCAACAACAGTGGCAGAATCACATACAAT
GTGCCCGGCCCGCAGCTCTGGGGTGGTGTCTACCTGTAAGATGGTGGTCAGGGGTGACCAGACCT
GTGCGATGAGCTACCTCACGGTGTGCCCGAGGCATGGAGTGTGTTGTGTTGAGCATTGACGGGTCCCT
TGCCGCCAGTGTGTCTATCATGGGAAGTGACCCCAAGTCCGGCCAGGTGCAGTGGATGTGTTTCGGCAC
TGGCAGGACCTGGGCTACATGATCCTTTACATCACGGGGCGCCGACATGCAGAAGCAGCGGGTGGTGT
CGTGGCTGTCCAGCACAACTTCCACAGGCATGATCTTTTTCTCGGACGGACTGGTGCACGACCCACT
GAGGCAGAAGGCCATCTTCTCGCAACCTCATGCAGGAGTGTTCATCAAAATCACTGCTGCCTATGGC
TCCACGAAAGATATCTCTGTCTACAGTGTGCTGGGCTCCCTGCCTCCCAGATCTTCATTGTAGGCCGGT
CCACCAAGAAAGTACCAACCCAGTGCCAGTTCCTGAGCGAAGGCTACGCAGCACACCTGGCGGCACTAGA
AGCCAGCCACCGCTCTCGCCCCAAGAAGAACAACCTCGCGCATGATCCTGCGCAAGGGCAGCTTTGGGCTG
CACGCGCAGCCAGAATTTCTGCGCAAGCGCAACCACCTGCGCAGGACCATGTCGGTGCAGCAGCCGGACC
CACCGGCCGCAACCCCAAGCCGAGCGGGCGCAGAGCCAGCCGAGTCCGACAAGGACCACGAGCGGCC
GCTGCCGCTCTCAGCTGGGCGCTGGGCCCTAAGTTCGAGTGGTGCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024927
Insert Size:	2925 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.
RefSeq:	<u>NM_001024927.2</u> , <u>NP_001020098.1</u>
RefSeq Size:	6682 bp
RefSeq ORF:	2925 bp
Locus ID:	327958
UniProt ID:	<u>Q3UHE1</u>
Cytogenetics:	11 B4
Gene Summary:	Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro). Binds calcium ions (By similarity).[UniProtKB/Swiss-Prot Function]