

Product datasheet for **MC222857**

Pitpnm3 (NM_001081641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnm3 (NM_001081641) 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: >MC222857 representing NM_001081641
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAAGGCGGCAGCGCAGGTGCCCTTCCCGGGTGGCGGTGCCCCCTGGCACCTTCGGAATGTCC
 TCAGTGATTCCGGTGGAGAGTTCAGATGATGAATTCCTTTGATGCTAGAGAGGAGGTGGCTGAAGGAAAGAA
 CGCCATCCTTATTGGAATGAGCCAGTGGAGCTCCAATGACCTGGTAGAGCAGATCGAGACCATAGGGAAG
 CTGGATGAGCGTCAGGGAGAAGTGTACCGGGTGTCCCTCAGAAGGCAGAGGTTCCAGCCCAAGGAAGTA
 TCGAGATTGATGAAGATGGCGAGGAAGGCTGCTCACAGCGCTCCTGCAAGACACACGTCCTTCTGCTGGT
 GCTGCATGGGGCAACGTCCTGGACACCGGCTCTGGTACCCTTCTGCAAGGCGGCCGACATTCACACT
 TTCAGCTCTGTGCTGGAGAAGGTCATGCGCGCCCACTTCCCTGCTGCCCTGGGACACATCCTCATCAAGT
 TTGTCCCTTGCCTGCCATCTGCTCGGAGGCTTCTCGCTCGTCTAACCTGAACCCCTATAGCCACGA
 CGAGGGCTGCCTCGGTACCAGCCAGGACCAGTGGCCCTGGCTGCCCTTCCCTGCTGGCCATCTCTCC
 CCACAGTACCAGGACGCTGTTGCCACTGTCATCGAGCGAGCCAACCACATCTATGGCGAGTTCCTCAAGT
 CCTCTGATGGGATTGGCTTCAATGGGCAGGTGTGTCTCATCGGGACTGTGTGGGCGGCCTCCTGGCTTT
 CGATGCTATCTGCTACAGTGCGGGACCCTCAGGGGACAGCCCTGGCAGCAGCAGCCGAAGGGGAGCATC
 AGCAGTACCAGGACACCCCTGTGGTGGTGAAGAGGACTGCAGTCTGGCCAGCAGCAAGCGGCTCAGTA
 AGAGCAATGTCGATGTCTCCAGTGGAGTGGAGGATGAGGACCCCAAGAGGCCGTTGCCCTCGGAAACAGAG
 TGACTCCTCCACATATGACTGTGAGGCGATCACCAGCATCATGCCTTCTCTCAAGCATCCACTCCAGT
 GTGCTGAAGGATGAGGCTGAGGCTCCTGCAGCTGGCACCCCCAGCTCTCTGAGGTGAGCTGGGTCGCT
 TTGACTTTGATGTGTCTGACTTCTTCTTCCCTTTCGCTCACCCTGGGCTGGCCATGGCCATGGCGAGGAC
 AGTGTGCTGCCGATAGATGGTTTCCAGATGCGTCCCTGCTGCTGAGCCAGGTCTACAGCTTCTTCCACTGT
 GCAGATCCCTCTGCTTACGCGCTTGGCCACTGCTGGAGCCCAAGTTCACCTGGTGCCTCCTGTACGCG
 TGCCCTCGTACCAGAGGTTCCCTGGGCGATGGACAGTCTCTCTGCTCGTGTGCCCCTGCACACCCCA
 CAGCCCCCTATTCTGGAGGGAAGCTCCCGGGGAAGCCCCCGCTTCTGGATGCCCTGCCTCGCCCCCT
 CAGGCCCAAGATTCCAGCGCACAGAACGGAGGCTAAGTAAAGGCAGCTCCCATAGCGACAGTTCAGAGT
 CCTCGGACAGCCTGGCGCCTATGGGTGCCTCCCGCATCACAGCCAAGTGGTGGGGAACCAAGAGGATTGA
 CTATGCCCTGTACTGCCAGATGTCTCACCGCCTTCCCACAGTGGCTCTGCCTCACCTTTCATGCC
 AGCTACTGGGAGTCTACCGATGTGGTGCCTTTCATCTTGAGACAGGTGATGCGTTACGAGAGTGAAGTG
 TGAAGGAGAGCACTGGTCTGGACCCACAGCTCTGAGCCCTGCTAACCCCGTGAGAAGTGGCTGCGTAA
 GCGAACCCAGGTCAAGTTGCGGAACGTTACTGCGAACCCGTGCCAATGATGTAATTGCTGCTGAGGAT
 GGCCCCAGGTCTTGGTGGGCGCCTTATGATGGCCCTCTTGACATGGTAGCTCTGACTGGAGAGAAGG
 TGGACATCCTGGTGTGACAGAGCCGTCGTGAGCCGCTGGGTCCACCTGGACACAGAAATCACCAACAA
 CAGTGGCAGAATCACATACAATGTGCCCGGCCCGACGCTCTGGGGGTTGGTGTCTACCCTGTAAGATG
 GTGGTCAGGGGTGACCAGACCTGTGCGATGAGCTACCTCACGGTGTGCCCGAGGCATGGAGTGTGTTG
 TGTTGAGCATTGACGGGTCTTTGCCGCCAGTGTGTCTATCATGGGAAGTGACCCCAAGGTCCGGCCAGG
 TGCAGTGGATGTGGTTCGGCACTGGCAGGACCTGGGCTACATGATCCTTTACATCAGGGGCGGCCGGAC
 ATGCAGAAGCAGCGGGTGGTGTGCTGGCTGTCCCAGCACAACTCCACAGGGCATGATCTTTTTCTCGG
 ACGGACTGGTGCACGACCCACTGAGGCAGAAGGCCATCTTCTTTCGCAACCTCATGCAGGAGTGTTCAT
 CAAAATCACTGCTGCCTATGGCTCCACGAAAGATATCTGTCTACAGTGTGCTGGGCTCCCTGCCTCC
 CAGATCTTATTGTAGGCCGGTCCACCAAGAAGTACCAAAACCCAGTGCCAGTTCCTGAGCGAAGGCTACG
 CAGCACACCTGGCGCACTAGAAGCCAGCCACCGCTCTCGCCCCAAGAAGAACAACCTCGCGCATGATCCT
 GCGCAAGGGCAGCTTTGGGCTGCACGCGCAGCCAGAATTTCTGCGCAAGCGCAACCACCTGCGCAGGACC
 ATGTCCGTGCAGCAGCCGACCCACCGGCCCAACCCCAAGCCCGAGCGGGCGCAGAGCCAGCCCGAGT
 CCGACAAGGACCAGAGCGGCCGCTGCCGCTCTCAGCTGGGCGGTGGGCCCCCTAAGTTCGAGTCCGT
 GCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001081641
Insert Size:	2877 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_001081641.1</u> , <u>NP_001075110.1</u>
RefSeq Size:	6634 bp
RefSeq ORF:	2877 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]