

## Product datasheet for RN214809

### Pitpna (NM\_017231) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpna (NM_017231) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pitpna
Synonyms:	Pitpn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214809 representing NM_017231 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTGCTGCTCAAGGAATATCGGGTCATCCTGCCTGTGTCTGTAGATGAGTATCAAGTGGGGCAGCTGT  
ACTCTGTGGCTGAAGCCAGTAAAAATGAACTGGTGGTGGGAAGGTGTGGAGGTCTGGTGAACGAGCC  
CTACGAGAAGGATGATGGCGAGAAAGGCCAGTACACACAAGATCTACCACTTACAGAGCAAAGTTCCC  
ACGTTTGTTCGAATGCTGGCCCCAGAAGGCCCTGAATATACATGAGAAAGCCTGGAATGCCTACCTT  
ACTGCAGAACCGTTATTACAAATGAGTACATGAAGGAAGACTTTCTCATTAAAATTGAAACCTGGCACA  
GCCAGACCTTGGCACCCAGGAGAATGTGCATAAACTGGAGCCTGAGGCATGGAAACATGTGGAAGCTATA  
TATATAGACATCGCTGATCGAAGCCAAGTACTTAGCAAGGATTACAAGGCAGAGGAAGACCCAGCAAAT  
TTAAATCTATCAAAACAGGACGAGGACCATTTGGGCCCGAATTGGAAGCAAGAAGCTTGTCAATCAGAAGGA  
CTGCCCATATATGTGTGCATACAACTGGTACTGTCAAGTTCAGTGGTGGGGCTTGCAGAACAAAGTG  
GAAAACCTTATACATAAGCAAGAGAAGCGTCTGTTTACAACTTTCACAGGCAGCTGTTCTGTTGGCTTG  
ATAAATGGGTTGATCTGACTATGGATGACATTCGGAGGATGGAAGAAGAGACGAAGAGACAGCTGGATGA  
GATGAGACAAAAGGACCCCGTGAAGGAATGACAGCAGATGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017231
Insert Size:	816 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017231.1</a> , <a href="#">NP_058927.1</a>
<b>RefSeq Size:</b>	1638 bp
<b>RefSeq ORF:</b>	816 bp
<b>Locus ID:</b>	29525
<b>UniProt ID:</b>	<a href="#">P16446</a>
<b>Cytogenetics:</b>	10q24
<b>Gene Summary:</b>	catalyzes the transfer of phosphatidylinositol (PtdIns) between membranes [RGD, Feb 2006]