

## Product datasheet for **MC210037**

### Pitpnb (NM\_019640) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pitpnb (NM\_019640) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pitpnb  
**Synonyms:** PI-TP-beta  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210037 representing NM\_019640  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGCTGATTAAGGAATTCGGTGTGGTTTTGCCGTGTTCTGTTCAAGAGTATCAGGTTGGACAGCTTT  
ACTCTGTTGCAGAAGCGAGTAAGAATGAACTGGTGGTGGAGAAGGAATCGAAGTCTGAAGAATGAACC  
TTATGAAAACGATGGCGAGAAGGGACAGTACACACAAAAATCTACCACCTGAAGAGCAAAGTTCCTGCA  
TTTGTGAGGATGATTGCTCCCGAGGGCTCCCTGGTGTTCATGAGAAAGCCTGGAATGCCTACCCCTACT  
GCAGAACAATTGTAAACGAATGAATACATGAAAGATGACTTCTTCATCAAATGAAAATGGCATAAACC  
TGACTTGGGAACATTAGAAAATGTTACGGTTTTAGATCCCAACACTTGGAAAAGTGTGAAATTGTCCAC  
ATAGACATTGCAGATCGAAGTCAAGTTGAACCAGCAGACTACAAAGCTGATGAAGACCCTGCATTATTCC  
ATTCAGTCAAGACCAAGAGAGGCCCTGGGACCTAACTGGAAGAAGGAGCTGGCAAACCCCTGACTG  
TCCTAGGATGTGTGCCTATAAGCTGGTGACCATCAAGTTCAAGTGGTGGGGCTGCAGAGCAAAGTAGAG  
AACTTTATCCAGAAGCAAGAAAAACGGATATTTACGAATTACATCGCCAGCTCTTTTGTGGATTGACA  
AGTGGATTGACCTGACAATGGAAGACATTAGGCGAATGGAGGATGAGACTCAGAAAGAACTAGAAACAAT  
GCGTAAGAAGGGTCCGTCCGAGGCACGTCGGCTGCTGATGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_019640  
**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_019640.5</a> , <a href="#">NP_062614.1</a>
<b>RefSeq Size:</b>	2847 bp
<b>RefSeq ORF:</b>	816 bp
<b>Locus ID:</b>	56305
<b>UniProt ID:</b>	<a href="#">P53811</a>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	<p>This gene encodes a member of the phosphatidylinositol transfer protein family. The encoded protein catalyzes the transfer of phospholipids (phosphatidylinositol and phosphatidylcholine) between membranes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and 3' coding region compared to variant 1. The encoded isoform (2) has a distinct and shorter C-terminus compared to isoform 1.</p>