

## Product datasheet for RN210302

### Pitpnb (NM\_053742) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnb (NM_053742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pitpnb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210302 representing NM_053742 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCTGATTAAGGAATTCGGTGTAGTTTTGCCGTGTTCTGTTCAAGAGTATCAGGTTGGACAGCTTT  
ACTCTGTTGCAGAAGCGAGTAAGAATGAACTGGTGGTGGAGAAGGAATCGAAGTCTTGAAGAATGAACC  
TTATGAAAATGATGGCGAGAAGGGACAGTACACACAAAAATCTACCACCTGAAGAGCAAAGTCCCTGCG  
TTCGTGAGGATGATTGCTCCCGAGGGCTCCTTGGTGTTCATGAGAAAGCCTGGAATGCTTACCCTACT  
GCAGAACAATTGTAAACGAATGAGTACATGAAAGATGACTTCTTCATCAAAATCGAAAATGGCACAAACC  
TGACTTGGGAACATTAGAAAATGTTACCGTTTTAGATCCAAACACGTGGAAAACCGTTGAAATTGTCCAC  
ATAGACATTGCAGATCGAAGTCAGGTTGAACCAGCAGACTACAAAGCTGATGAGGACCCTGCGTTATTCC  
AGTCAGTCAAGACCAAGAGAGGCCCCCTGGGACCTAACTGGAAGAAGGAGCTGGCAAACACCCTGACTG  
TCCTAAGATGTGCCTATAAGCTGGTGACCATCAAGTCAAGTGGTGGGGGCTGCAGAGCAAAGTAGAG  
AACTTCATCCAGAAGCAAGAAAAACGGATATTTACAACTTACATCGCCAGCTCTTTTGTGGATTGACA  
AGTGGATTGACCTGACAATGGAAGACATTAGGAGAATGGAGGACGAGACTCAGAAAGAACTAGAAACAAT  
CGTAAGAAGGGTTCGGTCCGAGGCACGTGGCTGCTGATGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053742
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_053742.1</a> , <a href="#">NP_446194.1</a>
<b>RefSeq Size:</b>	2680 bp
<b>RefSeq ORF:</b>	816 bp
<b>Locus ID:</b>	114561
<b>UniProt ID:</b>	<a href="#">P53812</a>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	complements a yeast sec14 mutation; may act as a phosphatidylinositol transfer protein [RGD, Feb 2006]