

Product datasheet for **MC226714**

Pitpnb (NM_001301643) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitpnb (NM_001301643) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pitpnb
Synonyms:	PI-TP-beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226714 representing NM_001301643 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCTGATTAAGGAATTCGGTGTGGTTTTGCCGTGTTCTGTTCAAGAGTATCAGGTTGGACAGCTTT
ACTCTGTTGCAGAAGCGAGTAAGAATGAACTGGTGGTGGAGAAGGAATCGAAGTCTGAAGAATGAACC
TTATGAAAACGATGGCGAGAAGGGACAGTACACACACAAAATCTACCACCTGAAGAGCAAAGTTCCTGCA
TTTGTGAGGATGATTGCTCCCGAGGGCTCCCTGGTGTTCATGAGAAAGCCTGGAATGCCTACCCCTACT
GCAGAACAATTGTAACGAATGAATACATGAAAGATGACTTCTTCATCAAATGAAACATGGCATAAACC
TGACTTGGGAACATTAGAAAATGTTACCGTTTTAGATCCCAACACTTGGAAAAGTGTGAAATTGTCCAC
ATAGACATTGCAGATCGAAGTCAAGTTGAACCAGCAGACTACAAAAGCTGATGAAGACCCTGCATTATTCC
ATTCAGTCAAGACCAAGAGAGGCCCTGGGACCTAACTGGAAGAAGGAGCTGGCAAACACCCCTGACTG
TCCTAGGATGTGTGCCTATAAGCTGGTGACCATCAAGTTCAAGTGGTGGGGGCTGCAGAGCAAAGTAGAG
AACTTTATCCAGAAGCAAGAAAACGGATATTTACGAACTTACATCGCCAGCTCTTTTGTGGATTGACA
AGTGGATTGACCTGACAATGGAAGACATTAGGCCAATGGAGGATGAGACTCAGAAAGAACTAGAAACACT
ACGGAGTCAAGGCCAAGTGAGGGGACCAGTGCCGCCTGTGATGACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301643
Insert Size:	819 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001301643.1, NP_001288572.1</u>
RefSeq Size:	2762 bp
RefSeq ORF:	819 bp
Locus ID:	56305
Cytogenetics:	5 F
Gene Summary:	<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 (1) encodes the longest isoform (1).</p>