

## Product datasheet for **RC209146**

### **PITPNC1 (NM\_181671) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PITPNC1 (NM_181671) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PITPNC1
Synonyms:	M-RDGB-beta; MRDGBbeta; RDGB-BETA; RDGBB; RDGBB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC209146 representing NM_181671 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGCTGAAAGAGTACCGGATCTGCATGCCGCTCACCGTAGACGAGTACAAAATTGGACAGCTGTACA  
TGATCAGCAAACACAGCCATGAACAGAGTGACCGGGGAGAAGGGTGGAGGTCGTCAGAAATGAGCCCTT  
TGAGGACCCTCACCATGGCAATGGGCAGTTCACCGAGAAGCGGGTGTATCTCAACAGCAAAGTGCCTAGT  
TGGGCTAGAGCTGTTGTCCCAAAATATTTTATGTGACAGAGAAGGCTTGAAGTATTATCCCTACACAA  
TTACAGAATACACATGTTCTTTCTGCCGAAATCTCCATTCATATAGAAACCAAGTATGAGGACAACAA  
AGGAAGCAATGACACCATTTTCGACAATGAAGCCAAAGACGTGGAGAGAGAAGTTTGCTTTATTGATATT  
GCCTGCGATGAAATCCAGAGCGCTACTACAAAGAATCTGAGGATCCTAAGCACTCAAGTCAGAGAAGA  
CAGGACGGGGACAGTTGAGGGAAGGCTGGAGAGATAGTCATCAGCCTATCATGTGCTCCTACAAGCTGGT  
GACTGTGAAGTTTGAGGTCTGGGGCTTCAGACCAGAGTGAACAATTTGTACACAAGGTGGTCCGAGAC  
ATTCTGCTGATTGGACATAGACAGGCTTTGCATGGGTTGATGAGTGGTATGATATGACAATGGATGATG  
TTCGGGAATACGAGAAAAACATGCATGAACAAACCAATAAAAGTTTGAATCAGCATTCTCCCTGT  
GGATGACATAGAGAGTCATGCCCAAACAAGTACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

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:** [NM\\_181671.3](#)

**RefSeq Size:** 2124 bp

**RefSeq ORF:** 807 bp

**Locus ID:** 26207

**UniProt ID:** [Q9UKF7](#)

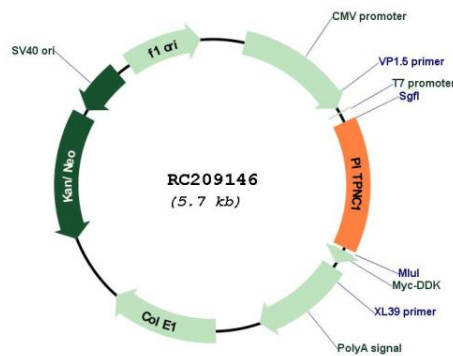
**Cytogenetics:** 17q24.2

**Protein Families:** Ion Channels: Other

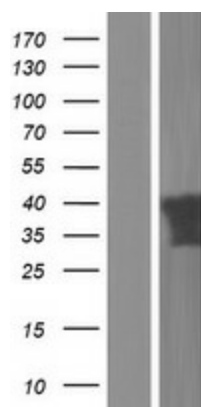
**MW:** 31.6 kDa

**Gene Summary:** This gene encodes a member of the phosphatidylinositol transfer protein family. The encoded cytoplasmic protein plays a role in multiple processes including cell signaling and lipid metabolism by facilitating the transfer of phosphatidylinositol between membrane compartments. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 1. [provided by RefSeq, May 2012]

### Product images:



Circular map for RC209146



Western blot validation of overexpression lysate (Cat# [LY405557]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209146 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).