

## Product datasheet for SC110362

### PITPNC1 (NM\_012417) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PITPNC1 (NM_012417) Human Untagged Clone
Tag:	Tag Free
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)
Fully Sequenced ORF:	>SC110362 representing NM_012417. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGCTGAAAGAGTACCGGATCTGCATGCCGCTCACCGTAGACGAGTACAAAAATTGGACAGCTGTAC
ATGATCAGCAAACACAGCCATGAACAGAGTGACCGGGGAGAAGGGGTGGAGGTCGCCAGAATGAGCCC
TTTGAGGACCCTCACCATGGCAATGGGCAGTTCACCGAGAAGCGGGTGTATCTCAACAGCAAAGTGCCT
AGTTGGGCTAGAGCTGTTGTCCCAAAATATTTTATGTGACAGAGAAGGCTTGGAACTATTATCCCTAC
ACAATTACAGAATACACATGTTCTTTCTGCCGAAATTCCTTTCATATAGAAACCAAGTATGAGGAC
AACAAAGGAAGCAATGACACCATTTTCGACAATGAAGCCAAAGACGTGGAGAGAGAAGTTTGCTTTATT
GATATTGCCTGCGATGAAATTCAGAGCGCTACTACAAAGAATCTGAGGATCCTAAGCACTTCAAGTCA
GAGAAGACAGGACGGGACAGTTGAGGGAAGGCTGGAGAGATAGTCATCAGCCTATCATGTGCTCCTAC
AAGCTGGTGACTGTGAAGTTTGAGGCTGGGGGCTTCAGACCAGAGTGGAACAATTTGTACACAAGGTG
GTCCGAGACATTTGCTGATTGGACATAGACAGGCTTTTGCATGGGTTGATGAGTGGTATGACATGACA
ATGGATGAAGTCCGAGAATTTGAACGAGCCACTCAGGAAGCCACCAACAAGAAAATCGGCATTTTCCCA
CCTGCAATTTCTATCTCCAGCATCCCCCTGCTGCCTTCTCCGTCGCGAGTGCCTTCTAGTGCTCCA
TCCACCCTCTCTCCACAGACGCACCCGAATTTCTGTCCGTTCCCAAAGATCGGCCCGGAAAAAGTCT
GCCCCAGAAACTCTCACACTTCCAGACCCTGAGAAAAAGCCACCCTGAATTTACCCGGCATGCACCTT
TCAGATAAGCCATGTCCGCCAAATCTGAGTAA
ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_012417
Insert Size:	999 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_012417.3</a>
<b>RefSeq Size:</b>	6264 bp
<b>RefSeq ORF:</b>	999 bp
<b>Locus ID:</b>	26207
<b>UniProt ID:</b>	<a href="#">Q9UKF7</a>
<b>Cytogenetics:</b>	17q24.2
<b>Domains:</b>	IP_trans
<b>Protein Families:</b>	Ion Channels: Other
<b>MW:</b>	38.4 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>