

Product datasheet for **SC338011**

PITPNM2 (NM_001300801) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PITPNM2 (NM_001300801) Human Untagged Clone
Tag:	Tag Free
Symbol:	PITPNM2
Synonyms:	NIR-3; NIR3; RDGB2; RDGBA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300801, the custom clone sequence may differ by one or more nucleotides

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ATGATTATAAAGGAATATCGGATTCTCTGCCAATGACCGTGGAGGAGTACCGCATCGCCCAGCTGTACA
TGATACAGAAGAAGAGCCGTAACGAGACATATGGCGAAGGCAGCGGCGTGGAGATCCTGGAGAACCAGGCC
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TGCCTATGGGGACTTCATCAAGTCCCAGGAGGGCATGACCTTCAATGGGCAGGTCTGCCTGATTGGGGAC
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 TCTACCCTATCAAGATGGTGGTACAGGGGAGACCACAGTTTGCCGACAGCTACATCACCGTGTGCCAA
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 ATCTCCGAGCTGCACCTGCGCGTGCACGGCCTATGGCTCCACCAAGGACGTGGCGGTGTACAGCGCCA
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 CCAGGCGGATGGCGAGCAGCGGGCCAGCGCAGCATGAGTGTGGCGGCCGGCTGCTGGGGCCGCGCATG
 ACTGGCCGCTGGAGCCGGGGCAGCCGGGCCCAAGTAG

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001300801

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).

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_001300801.1</u> , <u>NP_001287730.1</u>
RefSeq Size:	6797 bp
RefSeq ORF:	4032 bp
Locus ID:	57605
UniProt ID:	<u>Q9BZ72</u>
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
Gene Summary:	<p>PITPNM2 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocana et al., 2005 [PubMed 15627748]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon and contains an alternate in-frame exon, compared to variant 1. The encoded protein (isoform 2) is shorter, compared to isoform 1.</p>