

Product datasheet for **RG240117**

PITPNM2 (NM_001300801) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PITPNM2 (NM_001300801) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PITPNM2
Synonyms:	NIR-3; NIR3; RDGB2; RDGBA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240117 representing NM_001300801. Blue=ORF Red=Cloning site Green=Tag(s)

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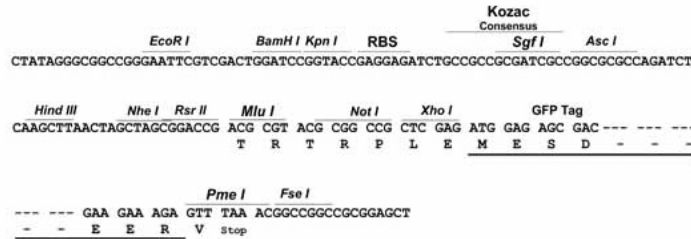
Protein Sequence: >Peptide sequence encoded by RG240117
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:

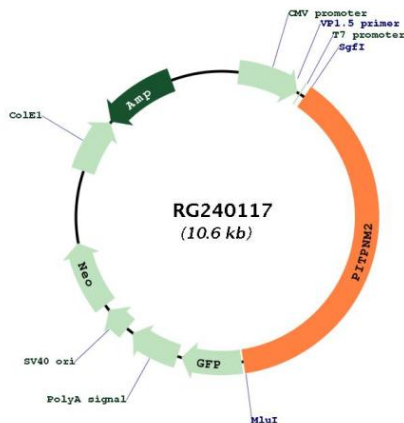


ACCN: NM_001300801

ORF Size: 4029 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001300801.1 , NP_001287730.1
RefSeq Size:	6797 bp
RefSeq ORF:	4032 bp
Locus ID:	57605
UniProt ID:	Q9BZ72
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
MW:	148.9 kDa
Gene Summary:	PITPNM2 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocaika et al., 2005 [PubMed 15627748]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG240117