

Product datasheet for **RG201936**

PNRC1 (NM_006813) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	PNRC1
Synonyms:	B4-2; PNAS-145; PROL2; PRR2
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG201936 representing NM_006813
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACTGTCGTCTCCGTCCCGCAGCGGGAGCCGCTCGTCCTGGGTGGCCGCCTTGCGCCGCTTGGCTTTT
CCTCCCGAGGTTACTTTGGGGCCCTCCCGATGGTGACACGGCTCCGCCTCCTTTACCCCGGATCCCGGA
CCCCGGGCACTGCCCCGACCCTCTTCTCCCTCATTTCTAGGGGGAGATGGCCCGTGTCTGACCCCC
CAGCCTCGCGCTCCAGCAGCTCTGCCAACCAGCAGCTCGCCGTGGCGGGAGGCACTCCTCGGGCAGCGC
CGAAGAAGCGGCGAAAGAAGAAGGTGCGGGCCAGCCCCGAGGGCAGCTGCCAGCCGCTTCCACCACTA
CCAGCAGCACCGGCCGAGTCTGGAGGGCGGCCGAGCCCCGCGACCGGCCGAGCGGAGCGCAGGAGGTC
CCGGGCCCCGCGCGCCTTGCCCCGAGTCTGCAGCCGAGCCGGCACGGAGGGAGCCAGCCCCGACC
TTGCCCGCTGCGGCCCGCGGCTCCCGGCCAAACCCCTCAGGAAAGAGGTTTAAATCAAAGATGGG
AAAATCGGAGAAAATTGCCCTTCCCATGGCCAGCTTGTTTCATGTTATACACTTGTATGAGCAACCAAAG
ATAAACAGACAGAAAAGCAAATATACTTGCCACTAACCAAGATCACCTCTGCAAAAAGAAATGAAAACA
ACTTTTGGCAGGATTCTGTTTCATCTGACAGAATTGAGAAGCAGGAAAAAAGCCTTTTAAAAATACCGA
GAACATTAAAAATTCGATTGAAGAAATCAGCATTTCTAACTGAAGTGAGCCAAAAGGAAATTTATGCT
GGGGCAAAGTTTAGTGATCCACCTTCTCCTAGTGTCTTCCAAAGCCTCCTAGTCACTGGATGGGAAGCA
CTGTTGAAAATTCCAACAAAACAGGGAGCTGATGGCAGTACACTTAAAAACGCTCCTCAAAGTTCAAAC
T

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence:

>RG201936 representing NM_006813

Red=Cloning site Green=Tags(s)

MTVVSVPQREPLVLGGRLAPLGFSSRGYFALPMVTTAPPPLPRIPDPRALPPTLFLPHFLGGDGPCLTP
QPRAPAALPNRSLAVAGGTPRAAPKRRKKVRASPAGQLPSRFHQYQQHRPSLEGGRSPATGPSGAQEV
PGPAAALAPSPAAAAGTEGASPDAPLPAAPGQTPLRKEVLKSKMGKSEKIALPHGQLVHGIHLYEQPK
INRQKSKYNLPLTKITSAKRNENNFWQDSVSSDRIQKQEKPFKNTENIKNSHLKKSFAFLTEVSQKENYA
GAKFSDPPSPSVLPKPPSHWMGSTVENSQNRELMVHLKTLKLVQT

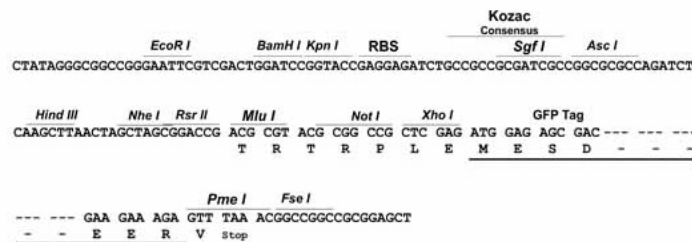
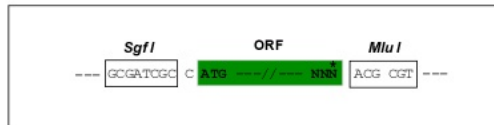
TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN:

NM_006813

ORF Size:

981 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:

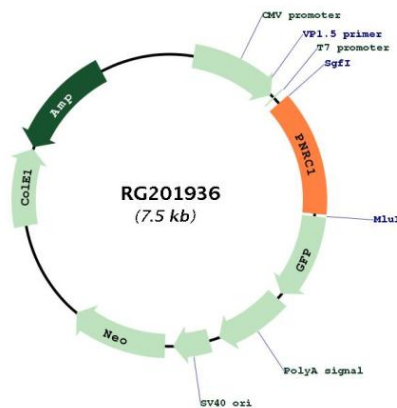
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_006813.3</u>
RefSeq Size:	2061 bp
RefSeq ORF:	984 bp
Locus ID:	10957
UniProt ID:	<u>Q12796</u>
Cytogenetics:	6q15
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Nuclear receptor coactivator. May play a role in signal transduction.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG201936