

Product datasheet for **RG205183**

PCNP (NM_020357) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: PCNP (NM_020357) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: PCNP
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG205183 representing NM_020357
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGGGAAGCGGGAGACGAGAAGCCTGAAAAGTCGCAGCGAGCTGGAGCCGCCGAGGACCTG
 AAGAAGAAGCAGAAAAACCTGTGAAAACTAAGACTGTTTCTTCCAGTAATGGAGGGGAAAGTTCCAGTCG
 CAGCGCTGAGAAGCGATCAGCTGAAGAAGAAGCTGCCGACCTCCCAACAAAGCCTACAAAGATCTCCAAG
 TTTGGATTGCCATAGGTAGTCAGACGACAAAGAAAGCATCAGCCATATCCATCAAACCTTGGATCAAGTA
 AGCCTAAAGAACTGTTCCAACCTTTGCTCCAAAACTCTTTCAGTAGCAGCAGCTTTTAATGAAGATGA
 AGATAGTGAACCAGAGGAAATGCCTCAAGAAGCAAAGATGAGGATGAAGAATATTGGAAGGGATACACCA
 ACATCAGCTGGACCAAACTCATTCAATAAAGGAAAGCATGGGTTTTCTGATAACCAGAAGCTGTGGGAGC
 GAAATATAAAATCTCATCTTGGAATGTCCATGACCAAGACAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205183 representing NM_020357
 Red=Cloning site Green=Tags(s)

MADGKAGDEKPEKSQRAGAAGGPREEAEKPVKTKTVSSSNGGESSRSAEKRSAEAAAADLPKPTKISK
 FGFAIGSQTTKKASAIKLGSSKPKETVPTLAPKTLVAAAFNEDEDSEPEEMPQEAQMRMKNIGRDP
 TSAGPNSFNKGKHGFSNQKLWERNIKSHLGNVHDQDN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_020357

ORF Size: 534 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.

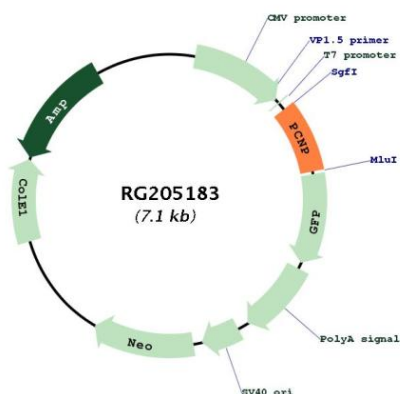
RefSeq: [NM_020357.1](#), [NP_065090.1](#)

RefSeq Size: 2250 bp

RefSeq ORF: 537 bp

Locus ID: 57092
 UniProt ID: [Q8WW12](#)
 Cytogenetics: 3q12.3
 Gene Summary: May be involved in cell cycle regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205183