

Product datasheet for **RC205183**

PCNP (NM_020357) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: PCNP (NM_020357) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: PCNP
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC205183 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGACGGGAAGCGGGGAGACGAGAAGCCTGAAAAGTCGCAGCGAGCTGGAGCCGCCGGAGGACCTG
 AAGAAGAAGCAGAAAAACCTGTGAAAACTAAGACTGTTTCTTCCAGTAATGGAGGGGAAAGTTCCAGTCCG
 CAGCGCTGAGAAGCGATCAGCTGAAGAAGAAGCTGCCGACCTCCCAACAAAGCCTACAAAGATCTCCAAG
 TTTGGATTTGCCATAGGTAGTCAGACGACAAAGAAAGCATCAGCCATATCCATCAAATTTGGATCAAGTA
 AGCCTAAAGAACTGTTCCAACCTTTGCTCCAAAACTCTTTCAGTAGCAGCAGCTTTTAAATGAAGATGA
 AGATAGTGAACCAAGGAAATGCCTCAAGAAGCAAAGATGAGGATGAAGAATATTGGAAGGATACACCA
 ACATCAGCTGGACCAAACCTATTCAATAAAGGAAAGCATGGGTTTTCTGATAACCAAGAGCTGTGGGAGC
 GAAATATAAAATCTCATCTTGAAATGTCCATGACCAAGACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205183 protein sequence
 Red=Cloning site Green=Tags(s)

MADGKAGDEKPEKSQRAGAAGGPEEEAEKPVKTKTVSSSNGGESSRSAEKRSAEAAAADLPTKPTKISK
 FGFAIGSQTTKKASAIKLGSSPKETVPTLAPKTLVAAAFFNEDESEPEEMPQEAAMRMKNIGRDTP
 TSAGPNSFNKGKHFSDNQKLWERNIKSHLGNVHDQDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6314_d07.zip

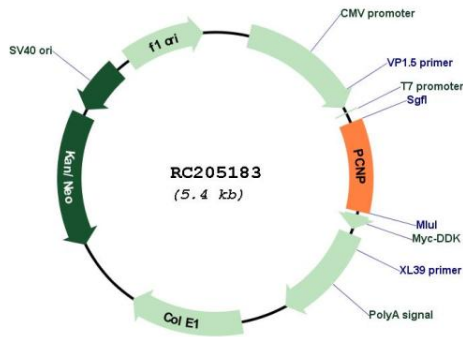
Restriction Sites: Sgfl-MluI



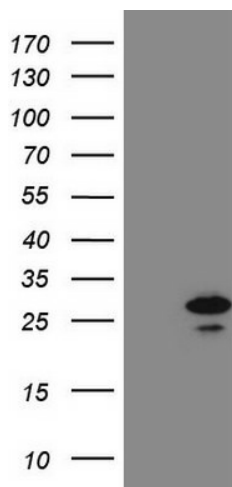
[View online »](#)

UniProt ID: [Q8WW12](#)
 Cytogenetics: 3q12.3
 MW: 19 kDa
 Gene Summary: May be involved in cell cycle regulation.[UniProtKB/Swiss-Prot Function]

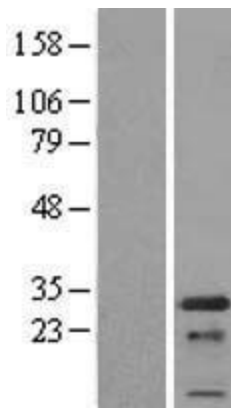
Product images:



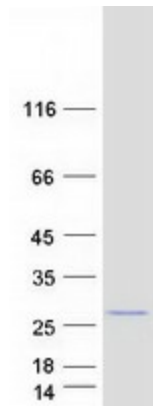
Circular map for RC205183



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PCNP (Cat# RC205183, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PCNP (Cat# [TA808827])(1:2000). Positive lysates [LY412527] (100ug) and [LC412527] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY412527]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205183 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified PCNP protein (Cat# [TP305183]). The protein was produced from HEK293T cells transfected with PCNP cDNA clone (Cat# RC205183) using MegaTran 2.0 (Cat# [TT210002]).