

Product datasheet for **RC212000**

HNRNPCL1 (NM_001013631) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRNPCL1 (NM_001013631) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HNRNPCL1
Synonyms:	HNRPCL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC212000 representing NM_001013631 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCAACGTTACCAACAAGATGGATCCTCACTCCATGAACTCCCGTGTGTTCAATTGGGAATCTCA
ACACTCTTGTGTCAAGAAATCGGATGTGGAGGCGATCTTTCCAAGTATGGCAAATTCGCGGCTGCTC
TGTTCAAGGGCTTGCCTTCGTTCAATATGATAAGGAGAAAAATGCCCGGCTGCTGTAGCAGGAGAG
GATGGCAGAATGATTGCTAGCCAGGTTGTAGATATTAACCTGGCTGCAGAGCCAAAAGTGAACCGAGGAA
ACGCAGGTGTGAAACGATCAGCAGCGGAGATGTACGGCTCCTCTTTGACTTGGACTATGGCTTTCAACG
GGATTATTATGATGGAATGTACAGTTTCCAGCACGTGTACCTCCTCCTCCATTGCTGCTGGCTGTA
GTGCCCTCGAAACGTCAACGTCTATCAGGAAACACCTCACGAAGGGGCAAAAGTGGCTTCAATTCTAAGA
GTGGAAAGCGGGGATCTTCCAAGTCTGGAAAGTTGAAAGGTGATGACCTTCAGGCCATTAAGCAGGAGTT
GACCCAGATAAAACAGAAAGTGGATTCTCTCCTGGAAAACCTGGAAAAATTGAAAAGGAACAGAGCAAA
CAAGAGGTAGAGGTGAAAAATGCTAAGTCAGAAGAGGAGCAGAGCAGTAGCTCCATGAAGAAAGATGAGA
CTCATGTGAAGATGGAGTCTGAGGGGGTGCAGAAGACTCTGCTGAGGAGGGGGACCCACTGGATGATGA
TGTTAATGAAGATCAGGGGGATGACCAGCTGGAGTTGATCAAGGATGATGAAAAAGAGGCTGAGGAAGGA
GAGGATGACAGAGACAGCACCAATGGCCAGGATGACTCT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC212000 representing NM_001013631
Red=Cloning site Green=Tags(s)

MASNVTNKMDPHSMNSRVFIGNLNLTLVVKKSDVEAIFSKYGKIAGCSVHKGFVQYDKEKNARAAVAGE
 DGRMIASQVVDINLAAEPKVNVRGNAGVKRSAAEMYGSSFDLDYGFQRDYDGMYSFPARVPPPPIALAV
 VPSKRQRLSGNTSRRGKSGFNKSGKRGSSKSGKLGDDLQAIKQELTQIKQKVDLLENLEKIEKEQSK
 QEVEVKNAKSEEEQSSSSMKKDETHVKMESEGGAEDESAEEGDPLDDVDNQDDQLELEIKDDEKEAEEG
 EDDRDSTNGQDDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1267_a07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001013631

ORF Size: 879 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.

RefSeq: [NM_001013631.1](#), [NP_001013653.1](#)

RefSeq Size: 1108 bp

RefSeq ORF: 882 bp

Locus ID: 343069

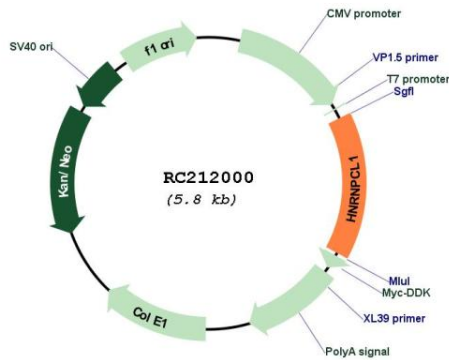
UniProt ID: [O60812](#)

Cytogenetics: 1p36.21

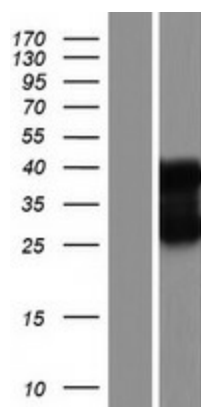
MW: 32 kDa

Gene Summary: May play a role in nucleosome assembly by neutralizing basic proteins such as A and B core hnRNPs.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC212000



Western blot validation of overexpression lysate (Cat# [LY422993]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212000 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).