

Product datasheet for RC227512

HNRNPCL2 (NM_001136561) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRNPCL2 (NM_001136561) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HNRNPCL2
Synonyms:	HNRNPCL5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC227512 representing NM_001136561 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCAACGTTACCAACAAGATGGATCCTCACTCCGTGAACTCCCGTGTGTTCAATTGGGAATCTCA
ACACTCTTGTGTCAAGAAATCTGATGTGGAGGCGATCTTTCCAAGTATGGCAAATTCGCGGGCTGCTC
TGTTCAAGGGCTTGCCTTCGTTCAATATGATAAGGAGAAAAATGCCCGGGCTGCTGTAGCAGGAGAG
GATGGCAGAATGATTGCTAGCCAGGTTGCAGTTATTAACCTGGCTGCAGAGCCAAAAGTGAACCGAGGAA
ACGCAGGTGTGAAACGATCCGCAGCGGAGATGTACGGCTCCTCTTTGACTTGGACTATGGCTTTCAACG
GGATTATTATGATGGGATGTACAGTTTCCAGCACGTGTACCTCCTCCTCCCAATTGCTGCTGGCTGTA
GTGCCCTCGAAACGCCAGCGCATATCAGGAAACACCTCACGAAGGGGCAAAGTGGCTTCAATTCTAAGA
GTGGAAAGCGGGGATCTTCCAAGTCTGGAAAGCTGAAAGGAGATGACCTTCAGGCCATTAAGCAGGAGTT
GACCCAGATAAAACAGAAAGTGGATTCTCTCTGGAAAACCTGGAAAAATTGAAAAGGAACAGAGCAAA
CAAGAGGTAGAGGTGAAAAATGCTAAGTCAGAAGAGGAGCAGAGCAGTAGCTCCATGAAGAAAGATGAGA
CTCATGTAAGATGGAGTCTGAGGGGGTGCAGAAGACTCTGTGAGGAGGGGGACCCACTGGATGATGA
TGATAATGAAGATCAGGGGGACAACCAGCTTCATTTGATCAAGAATAATGAAAAGATGCTGAGGAAGGA
GAGGATAACAGAGACAGCACCAATGGCCAGGATGACTCT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC227512 representing NM_001136561
Red=Cloning site Green=Tags(s)

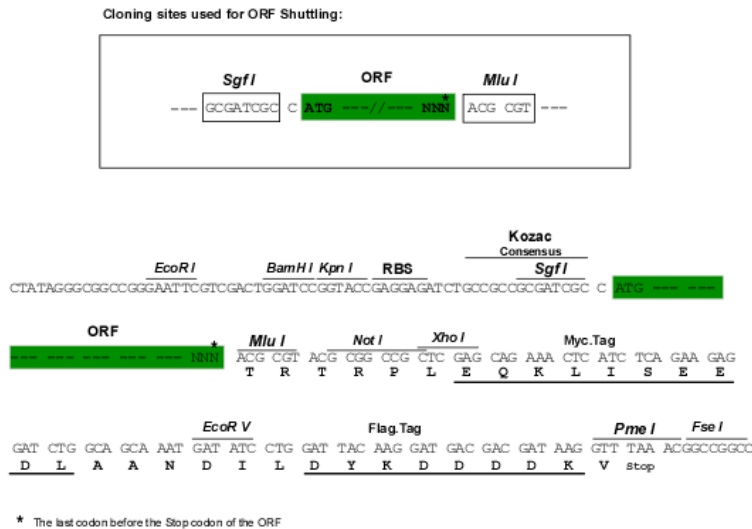
MASNVTNKMDPHSVNSRVFIGNLNLTLVVKKSDVEAIFSKYGKIAGCSVHKGFVQYDKEKNARAAVAGE
 DGRMIASQVAVINLAAEPKVNVRGNAGVKRSAAEMYGSSFDLDYGFQRDYDGMYSFPARVPPPPIALAV
 VPSKRQRISGNTSRRGKSGFNKSGKRGSSKSGKLGDDLQAIKQELTQIKQKVDLLENLEKIEKEQSK
 QEVEVKNAKSEEEQSSSSMKKDETHVKMESEGGAEDESAEEGDLDDDDNEDQGDNLHLIKNNEKDAEEG
 EDNRDSTNGQDDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1480_c11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001136561

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_001136561.3](#)

RefSeq ORF: 882 bp

Locus ID: 440563

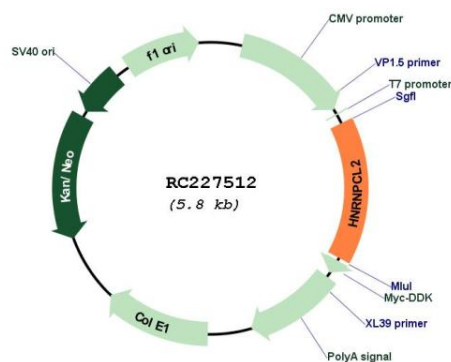
UniProt ID: [B2RXH8](#)

Cytogenetics: 1p36.21

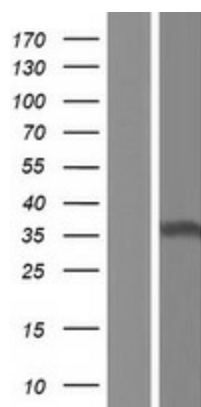
MW: 31.9 kDa

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 RC227512



Western blot validation of overexpression lysate (Cat# [LY427923]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC227512 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).