

Product datasheet for RC224635

CCNP (NM_024877) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCNP (NM_024877) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCNP
Synonyms:	CNTD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224635 representing NM_024877 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGTGAGAGGCAGGGACCAGGGTCCGGCTCCCGCTCGGGCCTATCGTTAGGCGCTGGGCCCA
GGCCCTCTCCTTTCAGAGTCTCGCTGCCTCCCTCGACGCAGAGCCTCAAGCGCCGAGTCCCGACGG
CTTCCCGCGGGCCCACTGTCTCCCAAGACGCCTGGCAGGCCCGGGGCTGGAGGAGGCGCTGAGC
GCGCTGGGGCTGCAGGGAGAACGCGAGTACGCCGGGACATCTTCGCCAAGTCATGGTGTGCCCGTGC
TGCCCTGAGAGCCCTGCCCGCTGTGACCCCGGAGATGCGCGCCCTGGTGGTAGACTGGCTGGTCCA
GGTGCACGAGTACCTGGGTCTGGCTGGTACACACTTTATCTGGCGGTTACCTGCTTGATTCTACCTG
AGCGCTGGCCGCGTGCCTACATCGCCTGCAGCTGTGGGCGTGGCTTGCTTGTGGCGTGCAAAA
TGAAGAGTGCCTGCTTCCCGAGCCCGCTTCTCTGCCTCCTGAGCGCGGACTCCTTCTCACGGGCGGA
GCTGCTGCGCGCCGAGCGTGCATCCTGAGCCGCTGGATTTCCGGCTGCACCACCCCGGCCGCTGCTG
TGCTCGGGTCTGGCCGCGTGGCAGGGAGCAGCCCCAGGTGATGTTACTTGCCACCTACTTCTG
AGCTGTCTTGTGGAGCCGAGCGCGGGATGGGAGCCGGTCTGTCGCGGCTGCGGCTCTGAGCCT
GGCGCACCGCTTGTCTGACGGGGCGGGCTCCAGGCTCCAGCCAGAATTTACAGGTGTAGTCTTGGCGGA
GGAAGTGTATGGGTACCCGAGCTTACGGGACTTACCTTCTGGTCATTTTTACGGTCTCGGAGAATGA
GAGACAATTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC224635 representing NM_024877
Red=Cloning site Green=Tags(s)

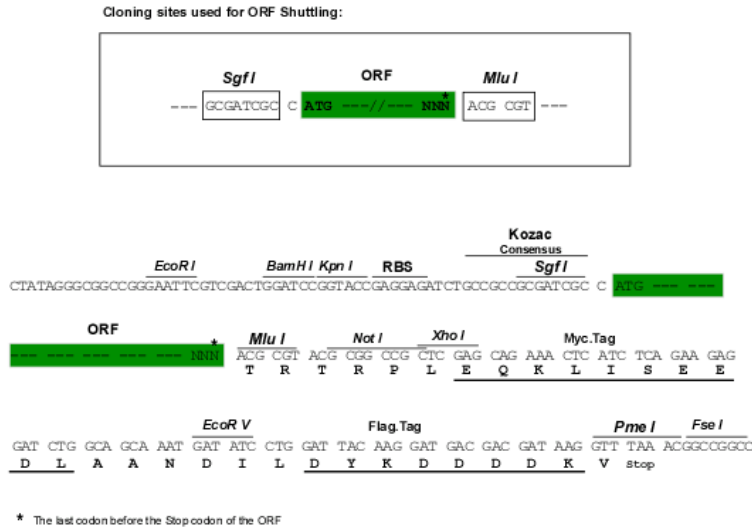
MLVRGRDQGGSSRLGPIVRRWAPRPSPLQSLAASLDAEPSSAAVPDGFAPGPTVSPRRLARPPGLEEALS
 ALGLQGEREYAGDIFAEVMVCRVLPRLRALPRAVTPEMRALVVDWLQVHEYLGLAGDTLYLAVHLLDSYL
 SAGRVRHLHRLQLLGVACLFVACKMEECVLPPEFAFLCCLSADSFSAELLRAERRILSRDLFRLHHPGPLL
 CLGLLAALAGSSPQVMLLATYFLELSLLEAEAAGWEPGRRAAAALSLAHRLLDGAGSRLQPELYRCSLGG
 GSVWGHRSFRDLPSWSFLRSRRMRDNY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8101_a12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024877

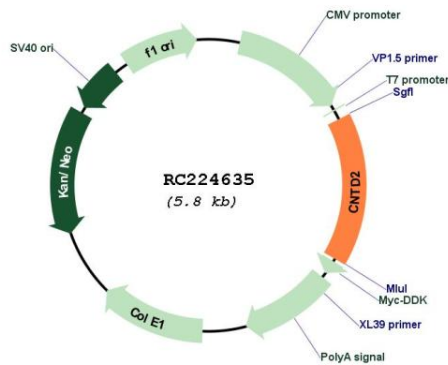
ORF Size: 921 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<ol style="list-style-type: none"> 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:	<u>NM_024877.4</u>
RefSeq Size:	1817 bp
RefSeq ORF:	924 bp
Locus ID:	79935
UniProt ID:	<u>Q9H8S5</u>
Cytogenetics:	19q13.2
MW:	33.6 kDa
Gene Summary:	Seems to be involved in the regulation of proliferation and migration.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC224635