

Product datasheet for **RC213511**

CCDC112 (NM_001040440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC112 (NM_001040440) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC112
Synonyms:	MBC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC213511 representing NM_001040440
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCACTGACGACGGTTGTGGTAGCGGCTGCGGCCACCGGGTAGCCGGGGCTGTGGCAGGGGCGG
 GCGCGCCACCGGACCGCGTGGGAGCGACGCCAGCGCTCAACAGAGTGATGGCTGTTTTAGTACTTC
 AGGTGGAATTCGTCCTTTTCATCTTCAGAACTGGAAGCAGAAAAGTTAATCAGACTAAGAAAGCAGAAATTT
 GTACGCACAGCAGAAAAATTTAAAAATCAAGTAATTAACATGGAAAAAGATAAACACAGTCATTTCTACA
 ACCAAAAAGTGACTTCAGAATTGAGCATAGTATGCTAGAAGAATTGGAAAAATAATTGATTACAGCAG
 GAAAAACAGAAAGAGCAAAAATCCAGCAACAATTGGCCAAAATACATAATAATGTAAGAAACTTCAGCAT
 CAATTAAGATGTGAAGCCTACACCTGATTTTGTGAGAAGCTCAGAGAAATGATGGAAGAAATGAAA
 ATGCAATTAACACTTTTAAAGAAGAGCAGAGGTTGATATATGAAGAGCTAATTAAGAAGAGAAGACAAC
 TAATAATGAGTTGAGTGCCATATCAAGAAAAATTGACACATGGGCTTTGGGTAATTCAGAAACAGAGAAA
 GCTTTCAGAGCAATCTCAAGCAAAGTTCCTGTAGACAAAGTAACACCAAGTACTCTCCAGAAGAGGTAC
 TAGATTTTGAAAAATTCCTTCAGCAAAACAGGAGGGCGACAAGGTGCCTGGGATGATTATGATCACCAGAA
 CTTTGTAAAGGTGAGAAACAAACATAAAGGGAAGCCAACATTTATGGAAGAAGTTCTAGAACACCTTCT
 GGAAAAACACAAGATGAAGTTCAACAGCATGAAAAATGGTATCAAAAAGTTTCTGGCTCTAGAAGAAAGAA
 AAAAGAGTCAATTCAGATTTGGAAAATAAAAAGCAGCAAAAAAGGGAGGAAATTTTCAAGTTAAAGGA
 AAAGGCAGACAACACACCTGTGCTTTTTCATAATAAACAAGAGGATAATCAAAAGCAAAAAGAGGAACAA
 AGAAAGAAACAGAAATTTGCAGTTGAAGCTTGAAGAAACAGAAAAGTATAGAAATGTCAATGAAATGTG
 CTTCCAGTTAAAAGAAGAAGAAGAGAAAGAAAAACATCAGAAAGAACGCCAGCGCCAGTTTAAAGTT
 AAAATTACTACTAGAAAGTTATACCCAGCAGAAGAAAGAACAGGAAGAATTTTTGAGCCTTGAAAAGGAG
 ATAAGGGAAAAGGCAGAAAAGGCAGAAAAAGGAAAAATGCTGCTGATGAAATTTCCAGATTTCAAGAAA
 GAGATTTACATAAACTTGAAGTAAAAATCTAGATAGACAGGCAAGGAAGATGAAAAGTCAAAAAACA
 AAGAAGACTGGCAAAATTTAAAGAAAAGGTTGAAAACAATGTTAGTAGAGATCCCTCTAGGCTTTACAAA
 CCCACCAAAGGTTGGGAAGAACGAACCAAAAAGATAGGACCAACAGGCTCTGGGCCACTTCTACATATCC
 CACATAGGGCTATTCCAACCTGGAGACAAGGAATACAGAGAAGAGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213511 representing NM_001040440
 Red=Cloning site Green=Tags(s)

MAALTTVVVAAAAATAVAGAVAGAGAATGTGVGATPAPQQSDGCFSTSGGIRPFHLQNWKQKVNQTKKAEF
 VRTAEKFNQVINMEKDKHSHFYNQSDFRIEHSML ELENKLIHSRKTERAKIQQLAKIHNNVKKLQH
 QLKDVKPTPDFVEKLREMMEEIENAINTFKEEQRLIYEELIKEEKTNNELSAISRKIDTWALGNSETEK
 AFRAISSKVPVDKVTSTLPEEVLDFEKFLLQTTGGRQGAWDDYDHQNFVVRNKHKGKPTFMEEVLEHLP
 GKTQDEVQQHEKWKFLALEERKKEIQIWKTKKQKREEIFKLKEKADNTPVLFHNKQEDNQKQKEEQ
 RKKQKLAVEAWKKQKSIEMSMKASQLKEEEEKEKKHQKERQRQFKLLLESYTQKKEQEEFLRLEKE
 IREKAEKAEKRKNADEISRFRERDLHLELILDRQAKEDKESQKQRRLAKLKEKVENNVSRDPSRLYK
 PTKGWEERTKKIGPTGSGPLLIHPIHRAIPTWRQGIQRRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8065_f06.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001040440

ORF Size: 1587 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_001040440.3](#)

RefSeq Size: 2312 bp

RefSeq ORF: 1590 bp

Locus ID: 153733

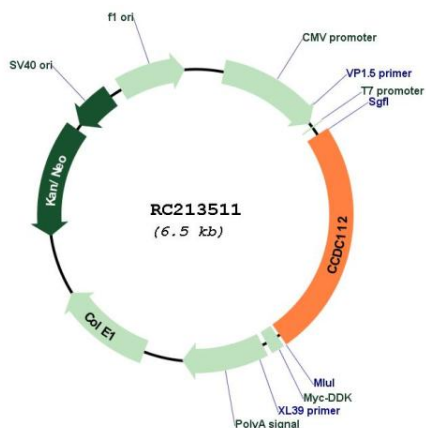
UniProt ID: [Q8NEF3](#)

Cytogenetics: 5q22.3

Protein Families: Transmembrane

MW: 61.7 kDa

Product images:



Circular map for RC213511