

Product datasheet for **RC225995**

CCDC17 (NM_001114938) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	CCDC17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC225995 representing NM_001114938
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACTCCCACTCTGGGGAGCCTGCGCTCCTGCCCTGTGGGACCTGTGACATGGTTTTCCGCTCCTCAG
 CTCTGTAGCCACCCATACTCAGCGCTTCTGCATTGGCCACCCGACCAAGAGATGACATTTGGAGCACA
 GGCATCAGTTGCCACTGAACCCAGCGGGCCGCGGTTGTGCCACAAGAACACAGGGCGTGCCACAAGAA
 CCCCAGGGCCTCCAGACCAGCAGGCCAGTAGACTCTGCTCTAAAGAGGTTAACAGAGGAGGTGACGTGGC
 TGGCGCTATCCCTACAGGAAATGCGGCCCTGGATAACAGAGGTCCCAGGGTGTTCGCGGGGCCCTGGAC
 ACGTTCCGAGGCGCGCCTCAGAGTCCCATGTCCGAGGCGGTGGGAAGCCCAAGCAGCGAGCGGCTGCGGGCG
 CTGTTCAAGACTCGCGCAGGCGCGTGGCGGAGATGGAAGCGCAGAGCCGGGCCCTGCAGCTACGCGGCG
 AGGAACTGAGCCGACGCTCCAAGTTGTGGCTGTACGCGGGCGGGATGTCCGCTCTTCGCGCTGGA
 GCAGGAGATTGAGAACTACAAGCTGAGGCCGGGAGGACGCGGGGAGCTCTAGAGGTGTGGGGGCCCGC
 ATTCAGGAGCTGCAGGCGGAGCCAGGGAACCCGCTGAGCTCCCGGCGAGAGGCAGAACTTTATTCTCCAG
 TGCAAAGGCCAACCCGGGAATCTGGCTGCCGAAATCCGGGCGCTGCGGGAGGCCCTACATTCGAGACGG
 GGGCCGGGACCCCGGCTGTGGGCCAGATATGGCAGTTGCAGGTGGAGGCGCTGCAGTGGAGCTGCAG
 CGGTCGACAGCCCGAGAGGAAGGGCAGGTGCCACCTCAGGGGAGCTTCCAGTAGTGGAGGCTGAAAACC
 GGCGCTTGGAGGCAGAAATCTTGGCTTGCAAAATGCAGAGGGGTGCGGCAACCTTGGGGCCCAAGGATCT
 GCGACTCCTGGGGATGCCAGCCTACAACGAAGGGGAGGAGATCCCCACTCCTCCGCGACCGGTG
 GCACCACCGCTGCCACCACTTCCAGGCTTCTCGGAGCCACAGCTTCTGGAACAATGACCAGAACTGG
 GCCTGGAATCAGACTTCTCTGCCACATCGGACATGCTGGGCCCTGCACCTATGATCTGGGGCTGG
 CCTGGTCATTTTCTATGATTTCTGCGGGGCTTGAGGCTTCTGGATTGGGTGCAACTAAGGACTGGC
 TTGGCAGCGATGGACGGGATACAGGAAGGACACAGCGTTGCCCCAGCCCTTGCCTGCCCCACCTC
 CTGCTCCCGGGCCCATGGGCACTGTGCCATCCTTGCCAGCAGGACGCTGTGCCAGACTACCACTCTC
 ATCATCAGTATCTTGGTCTGTGAGCTGCAGGTCTGGCAGGGGTAGCATGGGTAGGGCACCACAGCCA
 AAGGCTTGGGTCTCACTTGGACTATTTGACCAAGATCAGCGGTGCTAAGTGGCCGCTGGCGCTCCAC
 TTCGGGCCCTTCTCTGAGCCAGCCTTAGCCTTGGGAGCTGAATGGGATTCTCAGGCAGGTGAGGC
 TGAGCTCTTCTGCGGCTGGTGAATGCAAGAGATGCAGCTGTACAGACTGGCAGAGATCAATCCAGCA
 AGTGTCCATGAGTACCACTACCCCTCCGGTGTCCAGCACATTTCACTGGAAGCCAGCTTCTCACCC
 CCGCAGTTGGCTTGTGATCCCCACCTCGTACAGAAGAGCCCTCAGTGGAGTCAAGGATAGAGATGA
 GGGTTTGGGCCCTCACCACAGTTCTGACTTGCCCCAGTGAGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225995 representing NM_001114938
 Red=Cloning site Green=Tags(s)

MDSHSGEPALLPCGTCDMVFRRSSALLATHTRQFCIGHPTQEMTFGAQASVATEPQRAAVVPQEHQGVPE
 PQGLPDQASRSALKRLTEEVQWLRLSLQEMRPWITEVPRVFAGPWTRSEARPQSPMSEAVGSPSERLRA
 LFRTRARRVAEMEAQSRLQLRGEELSRRLQVVACTRGGMSRLFGLEQEIRELQAEAGRTRGALEVLGAR
 IQELQAEPNPLSSRREELYSVPQKANPGTLAAEIRALREAYIRDGGRDPGVLGQIWQLQVEASALELQ
 RSQTRRGRAGATSGELPVVEAENRRLEAEILALQMQRGRAPLGPQDLRLLDASLQPKGRRDPPLPPPV
 APPLPPLPGFSEPQLPGMTRNLGLDSHLLPTSDMLGPAPYDPGAGLVIFYDFLRGLEASWIWQLRTG
 LARDGRDTGRTTALPPALCLPPPPAPGPMGNCAILASRQVPVRLPPSSSVSLVCELQVWQGLAWARAPQ
 KAWVSLGLFDQDQRYLSGRWRLPLRALPLDPSLSLQNLNIPQAGQAEFLRLVNARDAVQTAEINPA
 SVHEYQYPPPVSSSTSSLEASFLTPAVGFADPPPRTEEPLSGVKDRDEGLGPHHSSDLPPVSF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8068_g01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001114938

ORF Size: 1866 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001114938.3](#)

RefSeq ORF: 1869 bp

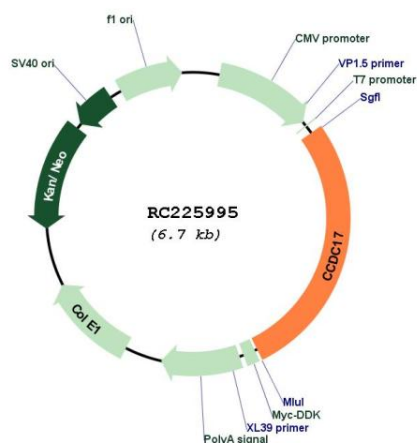
Locus ID: 149483

UniProt ID: [Q96LX7](#)

Cytogenetics: 1p34.1

MW: 67.72 kDa

Product images:



Circular map for RC225995