

Product datasheet for **RC239214**

ANUBL1 (ZFAND4) (NM_001282906) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANUBL1 (ZFAND4) (NM_001282906) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ANUBL1
Synonyms:	ANUBL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC239214 representing NM_001282906
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACCTGAAATGATTATTGCTTGAATGATTACAACATTTTCAAGGGGTGTACCTTGAAGCTAGTTT
 TGGCTATGCGTGGCGGACCTATAAATACTAGAAGAGTTCTACAGACGATCCACTTAGGAAGATGGCAGA
 GTACTTGATTCCAGTCGAGTTGAGGTCTGGGAGAAGACCTCTGCAGCAAAACAAGTTACATTTTGGTA
 TACCAAGAAGGAGATCAATTGAATTTCTTCTGCAGTAGATAGGGGAGATGGCACTTTAACACCGTTAT
 CTGACTCTTCAAAGAAAATAGATTTTCATTTGCATGTCCTACGGAGAAAAGGAGAACATCGTATGAGTGG
 TGGTCTATGTATAATTCAGATACAGATGAGGATGAAGAACTGAGCCTTCTTCTCTGGCAACAGATA
 ATTGAAAATCAATAACTATGAATAAGATGAAGCTGCTGAAGGCTAAGATGAAGAACATGAATCTCAGCA
 AAAAGCCTAAGAAAGCTGTCAAGATAAAACCTCACCCACCTGTAGCTCCTCGACCTTCTAGTGGTCCAC
 TGCACCATCTCGCCACCGATTGTTAAGGGTCTCCCAACATTGGTCAATCTTGTTCACCTGCTTTTGGG
 AATGCATATCCGCCCGAAATCTCCAGGAATGGAATTTCAAGTTTGGCAACTCAACTCTCTGCTGAGAGAT
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 CAGGCAGGCTTCAGAACTCTGGAAGTGGGCTGTCTACAAACCTCCAGCATTTTCAGGAAGAAAACCTTAG
 GAAAAGTTCTCCCAGTTAGAACATACAGGAGTTTTTTGTCTACCCATGGTGTGGAATGAATGGAAT
 AATGCAGCAGCAGGAAAAGCGTAGGAGAATGTACTACTCATCACCTCCACCTGTGAAAGCCCCTCTTC
 AGACAAAGAAGAAAACAACAAATCATTGTTTTCTTTGTGGAAAGAAAACAGGACTGGCTAGTAGCTACGA
 ATGCAGATGTGGAAACAATTCTGTGCATCTCATCGTTATGCAGAACTCATGGCTGTACCTATGATTAC
 AAGAGTGCAGGGAGGAGATACTTGACAGAGGCAATCCTGTGGTTAATGCACCAAGCTTCAAAAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239214 representing NM_001282906
 Red=Cloning site Green=Tags(s)

MELENDYCLNDYNI SEGCTLKLVLAMRGGPINTRRVPTDDPLRKMAEYLDSSRVEVWEKTSCKSQVTFVLV
 YQEGDQLNFFPAVDRGDGTLTPLSDSSKKIDFHLHVLRRKGEHRMSGGSMYNSDTEDEETEPSSSGQOI
 IENSITMNMKLLKAKMKNMNL SKKPKKAVKIKPHPPVAPRPSSGSTAPSRHLLRVL PNIGQSCSPAFG
 NAYPPEISRNGISSLATQLSAERYISSITGEFLKEDNSWENNTLSHFSSNVKLPPQIPHLELGNDQELAD
 SVLHLGSSSLPRQTKHFLGNLPSSNGNIVLPSEECVTEQSLLPKVGSLASF AEGNADEQSSGLEGACKVNL
 ELLL TNADKGLKAPEQHLKHVAGVLNGESVETSVL NYRELSPHKNRLLSPLRCSAPMSLHNSLVKPERQS
 KCFEFGKLQPSSSQSLDVQNTDSSFRTTCFQGVKVDL GKRSDVISKVEARDITEMTNKASKEPVGCV
 NNISFLASLAGSTSRNRLQSTRGAGRLQNSGTGLSTNLQHFQEENFRKSSPQLEHTGVFLSTHGVGMNGN
 NAAAGSVGECTTHLPPVKAPLQTKKKTNNHCF LCGKKTGLASSYECRCGNNFCASHRYAETHGCTYDY
 KSAGRRLYHEANPVVNAPKLPKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001282906

ORF Size: 1959 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_001282906.1, NP_001269835.1

RefSeq Size: 3473 bp

RefSeq ORF: 1962 bp

Locus ID: 93550

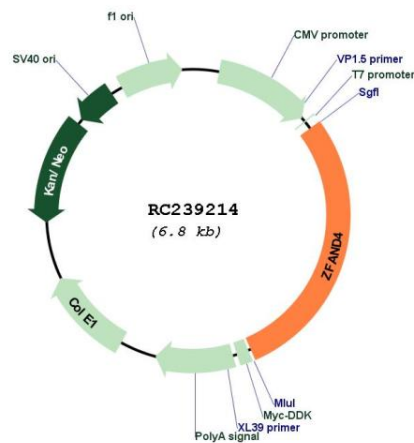
UniProt ID: Q86XD8

Cytogenetics: 10q11.22

Protein Families: Druggable Genome

MW: 72 kDa

Product images:



Circular map for RC239214