

Product datasheet for **RC226114**

ANUBL1 (ZFAND4) (NM_001128324) Human Tagged ORF Clone

Product data:

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



ORF Nucleotide Sequence: >RC226114 representing NM_001128324
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATAACAGAAAAGAGCCTCCATTCTTCAATGATGATAACATGGGACCATTTTACTACAGACTTCATT
 TCTGTGATACCATGGAGCTCTTCATTGAAACATTAACCTGGAACATGTTTTGAGCTGAGAGTTTCACCTTT
 TGAAACTGTTATTTCTGTGAAAGCAAAAATTGGAAGATTGGAAGGTATCCCATCTGTGCAACAACTTA
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 TTCAAAAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226114 representing NM_001128324

Red=Cloning site Green=Tags(s)

MDNRKEPPFFNDNDNMGPFYRLHFCDTMELFIETLTGTCFELRVSPFETVISVKAKIRRELGIPICRQHL
IWNMELENDYCLNDYNISEGCTKLVLAMRGGPINTRRVPTDDPLRKMAEYLDSSRVEVWEKTSCKQV
TFLVYQEGDQLNFFPAVDRGDGTLTPLSDSSKKIDFHLHVLRRKGEHRMSGSMYNSDTEDEETEPSSS
GQQIIENSITMNKMKLLKAKMKNMNL SKPKKAVKIKPHPPVAPRPSSGSTAPSRHRLRLVLPNIGQSCS
PAFGNAYPPEISRNGISSLATQLSAERYISSITGEFLKEDNSWENNTLSHFSSNVKLPPQIPHLELGNDQ
ELADSVLHLGSSSLPRQTKHFLGNLPSSNGNIVLPSEECVTEQSLLPKVGLSLASFAEGNADEQSSGLEGAC
KVNLELLL TNADKGLKAPEQHLKHVAGVLNGESVETSVLNYRELSPHKNRLLSPLRCSAPMSLHNSLVKP
ERQSKCFEFGKLQPSSSQSLDVQNI TDSSF SRTTCFQGVKVDLGRSDVISKVEARDITEMTNKASKEP
VGCVNNI SFLASLAGSTRNRQLQSTRGAGRLQNSGTGLSTNLQHFQEENFRKSSPQLEHTGVFLSTHGVG
MNGNNAAGKSVGECTTHHLPPVKAPLQTKKKTTNHCFLCGKKTGLASSYECRCGNFNCASHRYAETHGC
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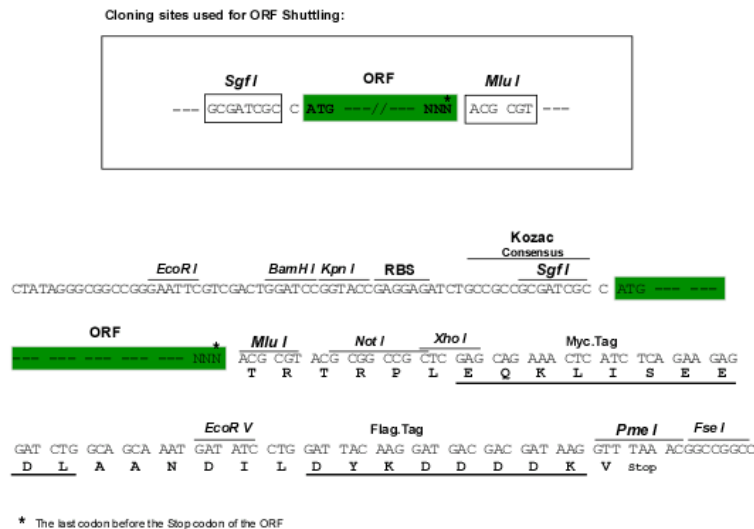
Chromatograms:

https://cdn.origene.com/chromatograms/mg2890_b01.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001128324

ORF Size:

2181 bp

OTI Disclaimer:

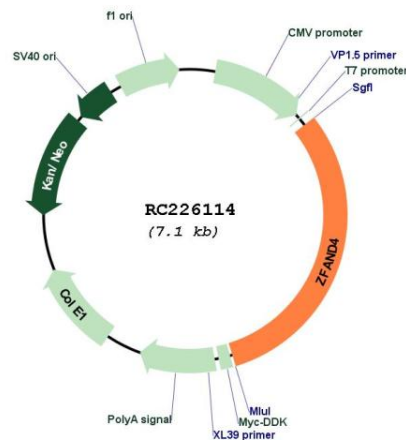
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

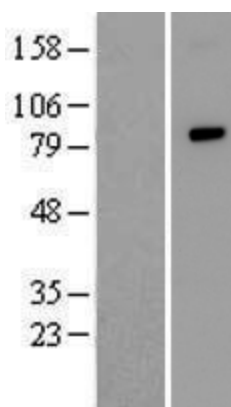
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001128324.2 , NP_001121796.1
RefSeq ORF:	2184 bp
Locus ID:	93550
UniProt ID:	Q86XD8
Cytogenetics:	10q11.22
Protein Families:	Druggable Genome
MW:	80.2 kDa

Product images:



Circular map for RC226114



Western blot validation of overexpression lysate (Cat# [LY426948]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC226114 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).