

Product datasheet for **RR201872**

Zc3h11a (NM_001047902) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h11a (NM_001047902) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zc3h11a
Synonyms:	RGD1308290
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR201872 representing NM_001047902
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCTAATCAGGAGAAGACTGCTATTTTTATTCTATTCTACATGCACCAAAGGTGACAGCTGCCCAT
 TCCGTCAGTGTGAAGCTGCACTAGGAAATGAACTGTTTGCACACTATGGCAGGAAGTCTGTTGTTTCG
 ACAGGTGTGCAGATTTCCGCACATGGAAATTGACAAAAACGAAGTGAATTCCTTGTTATTGGGAAAAAC
 CAGCCAATGGGATGTCAAAAATTAATTCGCTTTCCATCACAACAGAAGTCGTTATGTCGATGGACTGT
 TCCTACCTCCAAGCAAACTGTGTTACCCACTGTGCCTGAGTCACAAGAAGAGGAAGTAAAGACGAGCCA
 GCTCATGGTTCAACAGAACAAATGTCTGTTCACTCAACCCCTGCCCTCAGCTGCGGAGCGTGATGAAA
 GTGGAGAGTTCGAAAAACGTTCCAGCCCCACACCCGCCTGTCGTGATCAATGCTGCCGATGATGATG
 AAGATGACGACGATCAGTTTTCTGAGGAGGTGATGAGAGCAAAACACCTGCCCTGCAGCCAACAACGGA
 CGCCCATATGGACTACGAGTGGCTCTACCCGCAACCTGGAGCCAGCTTAAAGCCAGGTGACTCTTTG
 AATTTTGAATAAAAAACGTTGAGGAAATTAATCAAAAGAAAATGAAGGAAAAATCCAAGAACGAGGTG
 AAGGCTCCTCGGAATGTCCAGTGTTCATCAGCCTCAGCCCAATCCAGGCCCTGAGAAGGAGAATGT
 TCGGACTGTGGTGAACCGTAACTCTGTCAAGCAACAAGAAGAGCCCTTGTTAGACTGAGTCTTACT
 GAGAGACTGGGAAACGAAAACCTCCAGGAGGTGGTGACAATGATCCCCATTAAAGCGAAGTCTTGACAC
 AGAGACTGGGAAAAAAGTGGAAGCACCAGAACTAACATTGATAAAGCACCAAGAAAGAGAGAGTTAA
 TAAACTGGTGAGATCCATGTTAAGACTGGAAGAAATCTTCTTGAAGAGCCAATCAGAAACGTGGA
 GAATTGCAAACTAACTAAAGACAGAAGAACCTTCAGGAGCTGAGGATTCTCCATCAGGAACAAAAAGTT
 CTTGAGTGGGATCAAAACCTTCTGAGGTCTGGCTGAAAAGAAACATCGGCAGCAGGAAATGGAAG
 ACAGAAATCCAAAAAGGATACAAGTTGCCTCATGCTAACAGAAGATTCTGAAGTAAAAAGACTGTGAGC
 CTGCCGACTGTTGCTGTAGCAAGGACAGCTTGAGGAGGAGCCTGCAGGCAGAGCCAGGCCTATGCAGG
 AGGTGCATATTAAGACGCTAGAGGAAATTAAGCTGAAAAGGCCCTGAGGCTGCAGCAAGCGCTGAGAG
 GAGTGGCAGCTCCCGCCTCAAGCGGAGGCTGCCCCAGTGGCCAAGAGGCTGCTGCGCATCACCAGAGA
 TCAGGTACAAGAGAAGAGAAAAAATTTGAACCTGAGGACAATGGTGGCGCTCCCTCTCAGAGCAGTGTGA
 CTAAGATGGGAGTTAGTGAGACTTCAGATGAGACCATAAGTGATCCCAAAAATTCAGTCAACAGATG
 TGACATTGTCAAAGAGAAACACACAGAGACAGCAGGAGAGAGGAGCGTCACAAAAGGAGAAGCCAGCC
 TTGGCATCTGTGCGGACAGATGAGGCTTCTTACTATACCCGAGTGGTGGGGAAGCCGGTGCTCACTGCTG
 TATCGGGCGTCACTCGGCACCTGGCAAAACGGCTCCCCACGGAGTCATCCAGAAAGGGGAGGTGGAGAC
 CTCCGGGATTGGAGACTCAATACTGCACGTGAAGTGTGCGGCACAGACTCTGGAGAAAAGGGGTAAAGCC
 AAGCCCAAAGTAAATGTGAAGCCATCTGTGGTCAAGGTTGTCTCAGCCCCAAATTTGGCTCCTAAGCGCA
 AGGCTGTGGAGGTGCACTCTGCTGTATCGCAGCTGTGAAGCCGCTCAGTCCAGCAGTGTCTGCAGGA
 AAGCCCCGCCAAGAAAGCAGCCGTGGCTGTTGGCCCACTCTCTCTGAGGATAAATCCGTCACCATGTCT
 GAGACAGAAAAACCGAAAGACAGTTCTGCGCTGTCTTACGCCAAGCTTCTTCAAGACCTTGCTCCCCG
 AAGGCTCTGGCCCTTCTCATCCAGATGGCAACGAAACCTCGCCGGCTGAGCTCGGCCTCCACAGGAAA
 GCCTCCACTCTCCGTGGAAGATGACTTTGAGAACTAATATGGGAAATTCAGGGGGCAAATAGAAGCT
 GAGATTGACTTGATCCTGGGAAAGATGAAGACGACCTTCTGCTTGAAGTCTCAGAGATGATTGACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR201872 representing NM_001047902

Red=Cloning site Green=Tags(s)

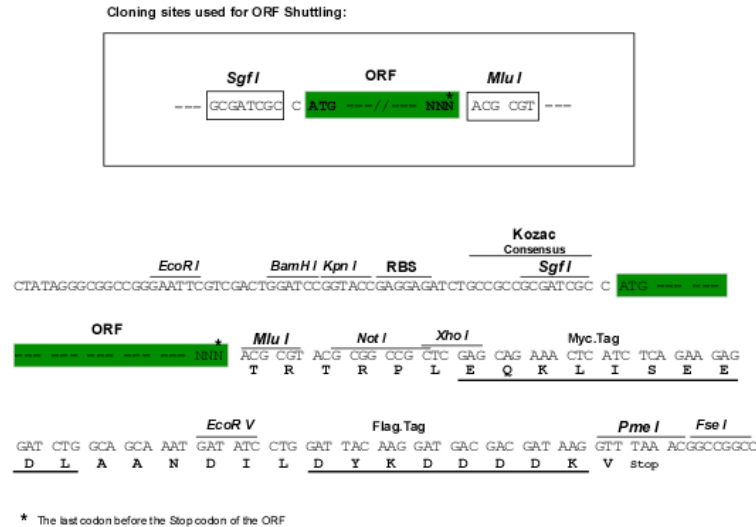
```
MPNQGEDCYFYFYSTCTKGDSCPFHCEAALGNETVCTLWQEGRCFRQVCRFRHMEIDKKRSEIPCYWEN
QPMGCQKLNCAFHHNRSRYVDGLFLPPSKTVLPTVPESQEEVKTSQLMVQONKLSVQSNPCQLRSVMK
VESSENVSPTHPPVVINAADDEDDDDQFSEEGDESKTPALQPTTDAHNGLRVASTRKPGASLKPGDSL
NFGIKTLEEIKSKMKKEKSKKQEGEGSSGMSSVLHQPNPQPEKENVRTVVRTVTLSSKQEEPLVRLSLT
ERLGKRKLPGGGDNDPPLKRSLAQRLGKKVEAPETNIDKAPKKERVNKTGEIHVKTLLEEILLERANQKRG
ELQTKLKTEEPSGAEDSPSGTKSSSVRIKTFSEVLAEEKHRQQEMERQKSKKDTSCMLMLTEDSEVKKTVS
LPTVAVSKGQLEEEPAAGRARMQEVHIKTLEEIKLEKALRVQQAERSGSSRPQAEAAPVAKRLLRITKR
SGTREEKKLEEDNGGAPSQSSVTMKGVSSETSDETISDPTKLPVNRCDIVKEKHTQRQERGASQKEKPA
LASVRTDEASYTRVVGKPVLTAVSGVTRHLAKRLPTESSQKGEVETSGIGDSILHVKCAAQTLEKRGKA
KPKVNVKPSVVKVVSAPKLAPKRKAVEVHSAVIAAVKPLSSSSVLQESPAKKA AVAVGPLLSEDKSVTMS
ETEKPKDSSALSSAQASSEPLLPEGSGPSSSQMATKPRRLSSASTGKPLSVEDDFEKL IWEISGGKLEA
EIDLDPGKDEDDLLLELSEMIDS
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfi-MluI

Cloning Scheme:



ACCN:	NM_001047902
ORF Size:	2379 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_001047902.1, NP_001041367.1

RefSeq Size: 2691 bp

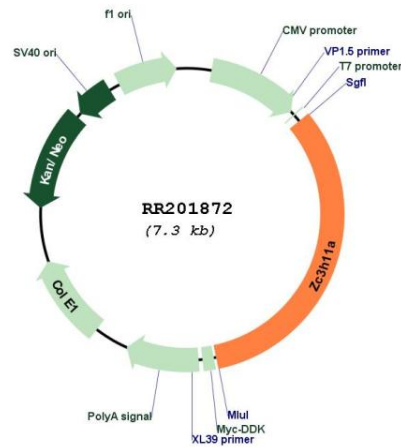
RefSeq ORF: 2382 bp

Locus ID: 360845

Cytogenetics: 13q13

MW: 87 kDa

Product images:



Circular map for RR201872