

Product datasheet for **RC239624**

ZNF33A (NM_001278170) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF33A (NM_001278170) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF33A
Synonyms:	KOX2; KOX5; KOX31; NF11A; ZNF11; ZNF11A; ZNF33; ZZAPK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239624 representing NM_001278170
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGAATGCAACCCGACGAGGGAGTGGGGTAGAACAGAAGTCCAGGAGTCAGTATCATTTAAAGATG
 TGAATGTGGGCTTCAACCAGGAGGAGTGGCAGCACCTGGACCCTAGTCAGAGGGCTCTGTATAGAGATGT
 GATGCTGGAGAACTACAGCAACCTTGTCTCAGTGGGGTATTGTGTTACAAACCAGAGGTGATCTTCAGG
 CTGCAACAAGGAGAAGAGCCATGAAACAGGAGGAAGAATTCCCAAGCCAAAGCTTTCAGTCTGGACAG
 CTGATCACCTGAAAGAGAGGAGCCAAGAAAACCAATCTAAACATTTGTGGGAAGTTGATTATCAATAA
 TGAAATGCTGACTAAGGAACAAGGTGATGTAATAGGAATACCATTTAATGTGGATGTAAGTTCTTTTCT
 TCCAGAAAAATGTTCTGTGCTGATGATTATGTGAATGAGTTTCAACACTGTTTCAGAATTGGTTATCA
 GTAAGATAAACTATTTAGGAAAAAGTCTGATGAATTTAATGCCTGTGGGAAATTGTTACTCAATATTAA
 GCATGATGAAACTCATACTCAAGAGAAAAATGAAGTTTTGAAAAATAGGAACACACTGAGTCATCATGAG
 GAGACTTTGCAGCATGAGAAGATTCAAACCTTTAGAGCACAATTTGAATACAGTATATGTAGGAAACCC
 TCCTTGAAAAGGCAGTATTCAATACACAGAAGAGAGAACGCAGAAGAGAATAACTGTGATTATAATGA
 ATTTGGGAGAACTTTGTGTGATAGTTTATCCCTCTTGTTCATCAGATATCTCCGTCAAGGGACAATCAC
 TATGAATTTAGTGATTGTGAGAAGTTCTTATGTGTGAAGTCCACCCTTTCTAAACCTCATGGGGTATCTA
 TGAAACACTATGATTGTGGTGAAAGTGGGAATAATTTCAAGGAGGAAATTTGTGTCTGTACACCTTCAGAA
 AGGTGATAAAGGAGAGAAACACTTTGAATGTAATGAATGTGGGAAAGCTTTCTGGGAGAAGTCACATCTC
 ACTCGACATCAGAGGGTGCACACAGGACAGAAACCTTTCAATGTAATGAATGTGAAAAAGCTTTCTGGG
 ATAAGTCAAACCTCACTAAACATCAAAGATCACACACAGGGGAGAAACCTTTTGAATGCAATGAATGTGG
 GAAAGCCTTTAGCCATAAGTCAGCCCTCACATTACACCAGAGAAACACATACAGGGGAGAAACCTTCAA
 TGTAAATGCGTGTGGGAAACCTTTTGCAGAAATCTGACCTCACTAAACATCAGAGAACACACACAGGGC
 TGAAACCTATGAATGTTATGAATGTGGAAATCCTTCCGTGTGACTTCGCACCTTAAAGTACACCAGAG
 AACTCACACAGGTGAGAAACCTTTTGAATGTCTTGAAGTGTGGGAAATCCTTAGTGAAAAGTCAAATCTT
 ACACAGCATCAGAGAATTCATAGGAGATAAATCTTATGAATGTAATGCATGTGGGAAACCTTTCTACC
 ACAAGTCATTACTCACCAGGCATCAGATAATTCATACAGGGTGGAAACCTTATGAATGTTATGAATGTGG
 GAAAACCTTCTGCTTGAAGTCAGACCTCACAGTACATCAGAGAACACACACAGGGCAGAAACCTTTGCA
 TGTCCCGAATGTGGGAAATCTTTAGCCATAAGTCAACCTCTCTCAACATTATAGAACACACACAGGGG
 AGAAACCTACGAATGTCATGAATGTGGAAAAATCTTTTACAATAAATCATACCTAACTAAACATAATAG
 AACACATACAGGGGAGAAACCTATGAATGTAATGAATGTGGAAAAGCCTTCTACCAAGAGTCACAACTC
 ACTCAGCATCAGAGAATTCATAGGGGAGAAACCTATAAATGTAATGAGTGTGGAAAAGCTTTCTGCC
 ATAAGTCAGCTCTAATTGTACATCAGAGAACCCATACACAAGAAAAGCCCTATAAATGTAATGAATGTGG
 AAAATCTTTCTGTGTAATCAGGACTTATTTCCATGAGAGAAAGCACACGGGGGAGAAACCTATGAA
 TGCAATGAATGTGGGAAATCTTCAGGCACAAATCATCACTCACAGTACATCACAGGGCTCACACAGGAG
 AGAAATCTTGCAATGTAATGAATGTGGAAAAATCTTTACCGTAAATCGGAACCTTGCTCAACATCAGAG
 ATCACATACAGGGGAAAAGCCCTATGAATGTAACACATGCAGGAAAACCTTCTCTCAAAAGTCAAATCTC
 ATTGTACATCAGAGAAGACATATAGGAGAAAACCTTATGAATGAAATGGATATTAGAAAATTTCCAGCCAC
 AAGTCAGCCTCCATAATGCCTCAGAGTATTCACTGTGGAGAAAGCCCTGATGACATCCTGAATGTTCA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239624 representing NM_001278170

Red=Cloning site Green=Tags(s)

MANATRRGSGVEQKSQESVSFKDVTVGFTQEEWQHLDPSQRALYRDVMLENYSNLVSVGYCVHKPEVIFR
LQQGEFPWKQEEFFPSQSFVWTADHLKERSQENQSKHLWEVVFINNEMLTKEQGDVIGIPFNVDSFP
SRKMFCQCDSCGMSFNTVSELVISKINYLGKKSDEFNACGKLLLNKHDETHTQEKNEVLKNRNTLSHHE
ETLQHEKIQTLHNFEYSICQETLLEKAVFNTQKRENAEENNCYNEFGRTLCDSSSLLFHQISPSRDNH
YEFSDCEKFLCVKSTLSKPHGVSMKHYDCGESGNNFRRKLCLSHLQKGDGKGEKHFECNECGKAFWEKSHL
TRHQRVHTGQKPFQCNCEKAFWDKSNLTKHQRSHTEKPFECNECGKAFSHKSALTQHRTHTGEKPYQ
CNACGKTFCQKSDLTKHQRHTGLKPYECYECGKSFRVTSHLKVHQRHTHTGEKPFECLECGKSFSEKSNL
TQHQRHIGDKSYECNACGKTFYHKSLLTRHQIHTGWKPYECYECGKTFCLKSDLTVHQRHTHTGQKPF
CPEGKFFSHKSTLSQHYRHTHTGEKPYECHECGKIFYNKSYLTKHNRHTHTGEKPYECNECGKAFYQKSQL
TQHQRHIGEKPYKCNECGKAFCHKSALIVHQRHTHTQEKPYKCNECGKSCVKSGLIFHERKHTGEKPYE
CNECGKFFRHKSSLTVHHRAHTGEKSCQNECGKIFYRKSELAQHQRSHTEKPYECNTRKTFSSQKSNL
IVHQRHIGENLMNEMDIRNFQPVSLHNAEYSHCGESPDDILNVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfi-MluI

Cloning Scheme:



ACCN:	NM_001278170
ORF Size:	2451 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_001278170.2](#)

RefSeq Size: 6074 bp

RefSeq ORF: 2454 bp

Locus ID: 7581

UniProt ID: [Q06730](#)

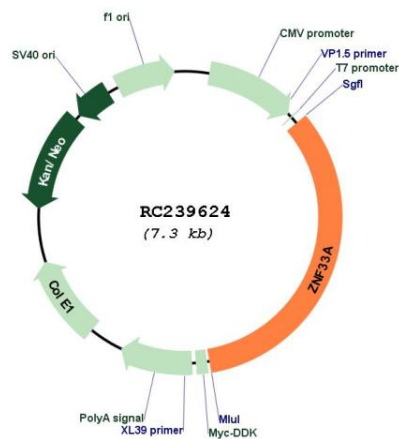
Cytogenetics: 10p11.1

Protein Families: Transcription Factors, Transmembrane

MW: 95.5 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239624