

Product datasheet for **RG239344**

ZNF33A (NM_001278179) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF33A (NM_001278179) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF33A
Synonyms:	KOX2; KOX5; KOX31; NF11A; ZNF11; ZNF11A; ZNF33; ZZAPK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239344 representing NM_001278179.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGACTAAGGAACAAGGTGATGTAATAGGAATACCATTTAATGTGGATGTAAGTTCCTTTCTTCC
AGAAAAATGTTCTGTGAGTGTGATTCATGTGGAATGAGTTTCAACACTGTTTCAGAATTGGTTATCAGT
AAGATAAACTATTTAGGAAAAAGTCTGATGAATTTAATGCCTGTGGAAATTGTTACTCAATATTAAG
CATGATGAACTCATACTCAAGAGAAAAATGAAGTTTGAAAAAATAGGAACACACTGAGTCATCATGAG
GAGACTTTCAGCATGAGAAGATTCAAACCTTTAGAGCACAATTTTGAATACAGTATATGTCAGGAAACC
CTCCTTGAAGGAGCAGTATTCAATACACAGAAGAGAGAGAACGCAGAAAGAGAATAACTGTGATTATAAT
GAATTTGGGAGAACTTTGTGTGATGTTCCCTCTTGTCCATCAGATATCTCCGTCAAGGGACAAT
CACTATGAATTTAGTGATTGTGAGAAGTCTTATGTGTGAAGTCCACCCTTTCTAAACCTCATGGGTA
TCTATGAAACACTATGATTGTGGTAAAAGTGGGAATAATTCAGGAGGAAATTGTGTCTGCACACCTT
CAGAAAGTGATAAAGGAGAGAAACACTTTGAATGTAATGAATGTGGAAAGCTTCTGGGAGAAGTCA
CATCTCACTCGACATCAGAGGGTGCACACAGGACAGAAACCTTTCAATGTAATGAATGTAAAAAGCT
TTCTGGGATAAGTCAAACCTCACTAAACATCAAAGATCACACACAGGGGAGAAACCTTTTGAATGCAAT
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TATAAATGTAATGAATGTGGGAAAATCTTTCTGTGTAATAATCAGGACTTATTTCCATGAGAGAAAGCAC
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ACTTTCTCTAAAAGTCAAATCTCATTGTACATCAGAGAAGACATATAGGAGAAAACCTTATGAATGAA
ATGGATATTAGAAATTTCCAGCCACAAGTCAGCCTCCATAATGCCTCAGAGTATTCACACTGTGGAGAA
AGCCCTGATGACATCCTGAATGTTTCAG
ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239344
 Blue=ORF Red=Cloning site Green=Tag(s)

MLTKEQGDVIGIPFNVDVSSFP SRKMFQCDCSGMSFNTVSELVISKINYLGKKSDEFNACGKLLLNLIK
 HDEHTQEKNEVLKNNRTL SHHEETLQHEKIQTLEHNFEYSICQETLLEKAVFNTQKRENAEENKCDYN
 EFGRTLCDSSLLFHQISPSRDNHYEFSDCEKFLCVKSTLSKPHGVSMKHVDCGESGNFRKLCLSHL
 QKGDGKEKHFEKNECGKAFWEKSHLTRHQVRHTGQKPFQCNCEKAFWDKSNLTKHQRSHTGEKPFECN
 ECGKAFSHKSALTLHQRTHTGEKPYQCNACGKTFQCKSDLTKHQRTHTGLKPYECYECGKSFRVTSHLK
 VHQRTHTEKPFECLECGKSFSEKSNLTQHQRHIGDKSYECNACGKTFYHKSLLTRHQIHTGWKPYE
 CYECGKTFCLKSDLTVHQRTHTGQKPFACPECGKFFSHKSTLSQHYRTHTEKPYECHECGKIFYNKSY
 LTKHNRTHTEKPYECNECGKAFYQKSQLTQHQRHIGEKPYKNECGKAFCHKSALIVHQRTHTQEK
 YKNECGKSFVKSLIFHERKHTGEKPYECNECGKFFRHKSSLTVHRAHTGEKSCQNECGKIFYRK
 SELAQHRSHTGEKPYECNTRKTF SQKSNLIVHQRRIHGENLMNEMDIRNFQPQVSLHNASEYSHCGE
 SPDDILNVQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYTNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPE
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
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Restriction Sites: SgfI-MluI

Cloning Scheme:



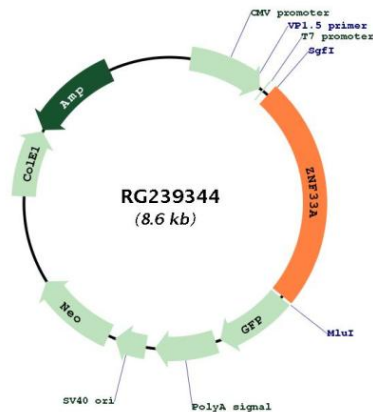
ACCN: NM_001278179

ORF Size: 2097 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).
RefSeq:	<u>NM_001278179.2</u>
RefSeq Size:	6250 bp
RefSeq ORF:	2100 bp
Locus ID:	7581
UniProt ID:	<u>Q06730</u>
Cytogenetics:	10p11.1
Protein Families:	Transcription Factors, Transmembrane
MW:	81.6 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG239344