

## Product datasheet for **RG239341**

### ZNF33A (NM\_001278171) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF33A (NM_001278171) 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:

>RG239341 representing NM\_001278171.  
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGACTAAGGAACAAGGTGATGTAATAGGAATACCATTTAATGTGGATGTAAGTTCCTTTCTTCC
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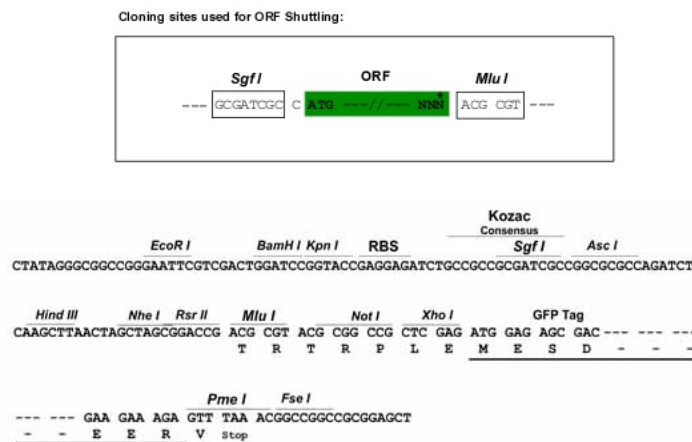
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC

**Protein Sequence:** >Peptide sequence encoded by RG239341  
 Blue=ORF Red=Cloning site Green=Tag(s)

MLTKEQGDVIGIPFNVDVSSFP SRKMFQCDCSGMSFNTVSELVISKINYLGKKSDEFNACGKLLLNLIK  
 HDETHTQEKNV LKNRNTLSHHEETLQHEKIQTLEHNFEYSICQETLLEKAVFNTQKRENAEENKCDYN  
 EFGRTLCDSSLLFHQISPSRDNHYEFSDCEKFLCVKSTLSKPHGVSMKHVDCGESGNFRKLCLSHL  
 QKGDGKEKHFECEKAFWEKSHLTRHQVRHTGQKPFQCNCEKAFWDKSNLTKHQRSHTGEKPFECN  
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 VHQRTHHTGEKPFECLECGKSFSEKSNLTQHQRTHHTGDKSYECNACGKTFYHKSLLTRHQIHTGWKPYE  
 CYECGKTFCLKSDLTVHQRTHTGQKPFACPECGKFFSHKSTLSQHYRTHHTGEKPYECHECGKIFYNKSY  
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 SPDDILNVQ  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
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 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
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**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001278171

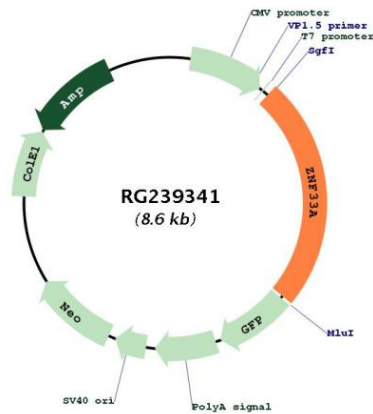
**ORF Size:** 2097 bp

**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.

<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001278171.2</a>
<b>RefSeq Size:</b>	6253 bp
<b>RefSeq ORF:</b>	2100 bp
<b>Locus ID:</b>	7581
<b>UniProt ID:</b>	<a href="#">Q06730</a>
<b>Cytogenetics:</b>	10p11.1
<b>Protein Families:</b>	Transcription Factors, Transmembrane
<b>MW:</b>	81.6 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG239341