

## Product datasheet for **SC337537**

### ZNF33A (NM\_001278173) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF33A (NM_001278173) Human Untagged Clone
Tag:	Tag Free
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)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001278173, the custom clone sequence may differ by one or more nucleotides

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ATGTGCCCTAGAGGATATCCAGAACAATCCAATTGGATGTCTTCTCCGCTGACTCCACAGAGGTAGAAC
AGAAGTCCCAGGAGTCAGTATCATTAAAGATGTGACTGTGGCTTCCCCAGGAGGAGTGGCAGCACCT
GGACCCTAGTCAGAGGGCTCTGTATAGAGATGTGATGCTGGAGAACTACAGCAACCTTGTCTCAGTGGG
TATTGTGTTCACAAACCAGAGGTGATCTTCAGGCTGCAACAAGGAGAAGGCCATGGAAACAGGAGGAAG
AATCCCAAGCCAAGCTTTCCAGAAGTCTGGACAGCTGATCACCTGAAAAGAGAGGCCAAGAAAACCA
ATCTAAACATTTGTGGGAAGTTGTATTCAATAATGAAATGCTGACTAAGGAACAAGGTGATGTAATA
GGAATACCATTTAATGTGGATGTAAGTTCTTTCCCTCCAGAAAAATGTTCTGTCAGTGTGATTCATGTG
GAATGAGTTTCAACACTGTTTCAGAATTGGTTATCAGTAAGATAAACTATTTAGGAAAAAAGTCTGATGA
ATTTAATGCCTGTGGAAATTGTTACTCAATATTAAGCATGATGAACTCATACTCAAGAGAAAAATGAA
GTTTTGAAAAATAGGAACACACTGAGTCATCATGAGGAGACTTTGCAGCATGAGAAGATTCAAACTTTAG
AGCACAATTTTGAATACAGTATATGTGAGGAAACCCTCCTTGAAAAGGCAGTATTCATACAGAGAAG
AGAGAACGCAGAAGAGAATAACTGTGATTATAATGAATTTGGGAGAACTTTGTGTGATAGTTCATCCCTC
TTGTTCCATCAGATATCTCCGTCAAGGGACAATCACTATGAATTTAGTGATTGTGAGAAGTCTTATGTG
TGAAGTCCACCCTTTCTAAACCTCATGGGGTATCTATGAAACACTATGATTGTGGTAAAAGTGGGAATAA
TTTCAGGAGGAAATTGTGTCTGTGCACACCTTCAGAAAGGTGATAAAGGAGAGAAACACTTTGAATGTAAT
GAATGTGGGAAAGCTTTCTGGGAGAAGTCAATCTCACTCGACATCAGAGGGTGCACACAGGACAGAAAAC
CCTTTCAATGTAATGAATGTGAAAAAGCTTTCTGGGATAAGTCAAACCTCACTAAACATCAAAGATCACA
CACAGGGGAGAAACCTTTTGAATGCAATGAATGTGGGAAAGCCTTTAGCCATAAGTCAGCCCTCACATTA
CACCAGAGAACACATACAGGGGAGAAACCTATCAATGTAAATGCGTGTGGGAAACTTTTTGCCAGAAAT
CTGACCTCACTAAACATCAGAGAACACACAGGGCTGAAACCTATGAATGTTATGAATGTGGAAATC
CTTCCGTGTGACTTCGCACCTTAAAGTACACCAGAGAACTCACACAGGTGAGAAACCTTTTGAATGTCTT
GAGTGTGGGAAATCCTTTAGTAAAAAGTCAAATCTTACACAGCATCAGAGAATTCACATAGGAGATAAAT
CTTATGAATGTAATGCATGTGGGAAACTTTCTACCACAAGTCATTACTCACCAGGCATCAGATAATTCA
TACAGGGTGGAAACCTTATGAATGTTATGAATGTGGGAAACCTTCTGCTGAAGTCAGACCTCACAGTA
CATCAGAGAACACACACAGGGCAGAAACCTTTGCATGTCCGAATGTGGGAAATCTTTAGCCATAAGT
CAACCCTCTCTCAACATTATAGAACACACACAGGGGAGAAACCTACGAATGTCATGAATGTGGAAAAAT
CTTTTACAATAAATCATACCTAACTAAACATAATAGAACACATACAGGGGAGAAACCTATGAATGTAAT
GAATGTGGAAAGCCTTCTACCAGAAGTCAAACTCACTCAGCATCAGAGAATTCACATAGGGGAGAAAC
CCTATAAATGTAATGAGTGTGGAAAGCTTTCTGCCATAAGTCAGCTCTAATTGTACATCAGAGAACCCA
TACACAAGAAAAGCCCTATAAATGTAATGAATGTGGAAATCTTTCTGTGTAATAACAGGACTTATTTTC
CATGAGAGAAAGCACACGGGGGAGAAACCTATGAATGCAATGAATGTGGGAAATTTCTCAGGCACAAAT
CATCACTCACAGTACATCACAGGGCTCACACAGGAGAGAAATCTTGTCAATGTAATGAATGTGGAAAAAT
CTTTTACCGTAAATCGGAACTTGCTCAACATCAGAGATCACATACAGGGGAAAAGCCCTATGAATGTAAC
ACATGCAGGAAAACCTTTCTCTCAAAGTCAAATCTCATTGTACATCAGAGAAGACATATAGGAGAAAACC
TTATGAATGAAATGGATATTAGAAATTTCCAGCCACAAGTCAGCCTCCATGAATGCCTCAGAGTATTCACA
CTGTGGAGAAAGCCCTGATGACATCCTGAATGTTCAAGTAA
    
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**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001278173

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001278173.1, NP_001265102.1</u>
<b>RefSeq Size:</b>	6209 bp
<b>RefSeq ORF:</b>	2490 bp
<b>Locus ID:</b>	7581
<b>UniProt ID:</b>	<u>Q06730</u>
<b>Cytogenetics:</b>	10p11.1
<b>Protein Families:</b>	Transcription Factors, Transmembrane
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) contains an alternate exon in the 5' end compared to variant 1. The resulting isoform (e) initiates translation in the alternate exon, so isoform e has a longer and distinct N-terminus compared to isoform a.