

## Product datasheet for **SC337423**

### ZNF33A (NM\_001278176) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                   |
| Product Name:             | ZNF33A (NM_001278176) 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\_001278176, the custom clone sequence may differ by one or more nucleotides

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ATGGAACAGGAGGAAGAATCCCAAGCCAAAGCTTCCAGAGATGGGGTTCCACATGTTCTGGGCTG
GTCTTAAACTCCTGAGTCAAGTGATCCACCTGCCTTGGCCTCCCAAAGTGAAGTCTGGACAGCTGATCA
CCTGAAAGAGAGAGGCCAAGAAAACCAATCTAACATTTGTGGGAAAGTTGATTTCATCAATAATGAAATG
CTGACTAAGGAACAAGGTGATGTAATAGGAATACCATTTAATGTGGATGTAAAGTTCTTTTCTCCAGAA
AAATGTTCTGTCAGTGTGATTTCATGTGGAATGAGTTTCAACACTGTTTCAGAATTGGTTATCAGTAAAGT
AAACTATTTAGGAAAAAAGTCTGATGAATTTAATGCCTGTGGGAAATTGTTACTCAATATTAAGCATGAT
GAAACTCATACTCAAGAGAAAAATGAAGTTTGAATAAGGAACACACTGAGTCATCATGAGGAGACTT
TGCAGCATGAGAAGATTCAAACTTTAGAGCACAATTTGAATACAGTATATGTCAGGAAACCCTCCTTGA
AAAGGCAGTATTCATACACAGAAGAGAGAGAACGCAGAAGAGAATAACTGTGATTATAATGAATTTGGG
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TTAGTGATTGTGAGAAGTCTTATGTGTGAAGTCCACCCTTTCTAACCTCATGGGGTATCTATGAAACA
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ATCAGAGGGTGCACACAGGACAGAAACCCTTTCAATGTAATGAATGTGAAAAAGCTTTCTGGGATAAGTC
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TTAGCCATAAGTCAGCCCTCACATTACACCAGAGAACACATACAGGGGAGAAACCTATCAATGTAATG
CGTGTGGGAAAACCTTTTGGCCAGAAATCGACCTCACTAACATCAGAGAACACACAGGGCTGAAACC
CTATGAATGTTATGAATGTGAAAAATCCTTCCGTGTGACTTCGCACCTTAAAGTACACCAGAGAAGTCAAC
ACAGGTGAGAAACCTTTGAATGTCTTGTGAGTGTGGGAAATCCTTTAGTAAAAAGTCAAATCTTACACAG
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ATTACTACCAGGCATCAGATAATTCATACAGGGTGGAAACCTTATGAATGTTATGAATGTGGGAAAACCC
TTCTGCTTGAAGTCAAGCTCACAGTACATCAGAGAACACACACAGGGCAGAAACCTTTGCATGTCCCG
AATGTGGGAAATCTTTAGCCATAAGTCAACCCTCTCTCAACATTATAGAACACACACAGGGGAGAAACC
CTACGAATGTCATGAATGTGAAAAATCTTTACAATAAATCATACTAACTAAACATAATAGAACACAT
ACAGGGGAGAAACCTATGAATGTAATGAATGTGGAAAAGCCTTCTACCAGAAGTCAACTCACTCAGC
ATCAGAGAATTCACATAGGGGAGAAACCTATAAATGTAATGAGTGTGGAAAAGCTTTCTGCCATAAGTC
AGCTCTAATTGTACATCAGAGAACCATACACAAGAAAAGCCCTATAAATGTAATGAATGTGAAAAATCT
TTCTGTGTAAAAATCAGGACTTATTTCCATGAGAGAAAAGCACACGGGGGAGAAACCTATGAATGCAATG
AATGTGGGAAATCTTTCAGGCACAAATCATCACTCACAGTACATCACAGGGCTCACACAGGAGAGAAATC
TTGTCAATGTAATGAATGTGAAAAATCTTTTACCGTAAATCGGAACTTGCTCAACATCAGAGATCAGAT
ACAGGGGAAAAGCCCTATGAATGTAACACATGCAGGAAAACCTTCTCTCAAAAAGTCAAATCTCATTGTAC
ATCAGAGAAGACATATAGGAGAAAACCTTATGAATGAAATGGATATTAGAAATTTCCAGCCACAAGTCAG
CCTCCATAATGCCTCAGAGTATTCACACTGTGGAGAAAGCCCTGATGACATCCTGAATGTTTCAGTAA
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001278176

**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).

**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).

|                               |   |
|-------------------------------|---|
| <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>                | <a href="#">NM_001278176.1</a> , <a href="#">NP_001265105.1</a>   |
| <b>RefSeq Size:</b>           | 6210 bp   |
| <b>RefSeq ORF:</b>            | 2307 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>Gene Summary:</b>          | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (8) contains an alternate exon before the last exon compared to variant 1. Translation of this variant begins at a downstream AUG compared to variant 1, so the resulting isoform (g) has a shorter and distinct N-terminus compared to isoform a.  |