

## Product datasheet for **SC337238**

### ZNF33A (NM\_001278179) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                   |
| Product Name:             | ZNF33A (NM_001278179) 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\_001278179, the custom clone sequence may differ by one or more nucleotides

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ATGCTGACTAAGGAACAAGGTGATGTAATAGGAATACCATTTAATGTGGATGTAAGTTCTTTTCCTTCCA
GAAAAATGTTCTGTCAGTGTGATTCATGTGGAATGAGTTTCAACACTGTTTCAGAATTGGTTATCAGTAA
GATAAACTATTTAGGAAAAAGTCTGATGAATTTAATGCCTGTGGGAAATGTTACTCAATATTAAGCAT
GATGAACTCATACTCAAGAGAAAAATGAAGTTTTGAAAAATAGGAACACACTGAGTCATCATGAGGAGA
CTTTCGAGCATGAGAAGATTCAAACCTTTAGAGCACAATTTTGAATACAGTATATGTCAGGAAACCCTCCT
TGAAAAGGCAGTATTCAATACACAGAAGAGAGAGAACGCAGAAGAGAATAACTGTGATTATAATGAATTT
GGGAGAACTTTGTGTGATAGTTCATCCCTCTTGTCCATCAGATATCTCCGTCAAGGGACAATCACTATG
AATTTAGTGATTGTGAGAAGTCTTATGTGTGAAGTCCACCCTTTCTAAACCTCATGGGGTATCTATGAA
ACACTATGATTGTGGTAAAAGTGGGAATAATTTCCAGGAGGAAATGTGTCTGTACACCTTCAGAAAGGT
GATAAAGGAGAGAAACACTTTGAATGTAATGAATGTGGGAAAGCTTTCTGGGAGAAGTCACATCTCACTC
GACATCAGAGGGTGCACACAGGACAGAAACCCTTTCAATGTAATGAATGTGAAAAAGCTTTCTGGGATAA
GTCAAACCTCACTAAACATCAAAGATCACACACAGGGGAGAAACCTTTTGAATGCAATGAATGTGGGAAA
GCCTTTAGCCATAAGTCAGCCCTCACATTACACCAGAGAACACATACAGGGGAGAAACCCTATCAATGTA
ATGCGTGTGGGAAAACCTTTTGCCAGAAATCTGACCTCACTAAACATCAGAGAACACACAGGGCTGAA
ACCCTATGAATGTTATGAATGTGGAAAACTTCCGTGTGACTTCGCACCTTAAAGTACACCAGAGAAGT
CACACAGGTGAGAAACCTTTTGAATGTCTTGAGTGTGGGAAATCCTTTAGTGAAGTCAAATCTTACAC
AGCATCAGAGAATTCACATAGGAGATAAATCTTATGAATGTAATGCATGTGGGAAAACCTTTCTACCACAA
GTCATTACTCACCAGGCATCAGATAATTCATACAGGTGGAAACCTTATGAATGTTATGAATGTGGGAAA
ACCTTCTGCTTGAAGTCAGACCTCACAGTACATCAGAGAACACACAGGGCAGAAACCCTTTGCATGTC
CGAATGTGGGAAATCCTTTAGCCATAAGTCAACCCTCTCTCAACATTATAGAACACACAGGGGAGAA
ACCCTACGAATGTCATGAATGTGGAAAAATCCTTTACAATAAATCATACCTAACTAAACATAATAGAAC
CATAACAGGGGAGAAACCCTATGAATGTAATGAATGTGGAAAAGCCTTCTACCAGAAGTCACAACCTCACTC
AGCATCAGAGAATTCACATAGGGGAGAAACCCTATAAATGTAATGAGTGTGGAAAAGCTTTCTGCCATAA
GTCAGCTCTAATGTACATCAGAGAACCCTATACACAAGAAAAGCCCTATAAATGTAATGAATGTGGAAA
TCTTTCTGTGTAATAATCAGGACTTATTTCCATGAGAGAAAGCACACGGGGGAGAAACCCTATGAATGCA
ATGAATGTGGGAAATTTCCAGGCACAAATCATCACTCACAGTACATCACAGGGCTCACACAGGAGAGAA
ATCTTGTCAATGTAATGAATGTGGAAAAATCCTTTACCGTAAATCGGAACCTTGCTCAACATCAGAGATCA
CATACAGGGGAAAAGCCCTATGAATGTAACACATGCAGGAAAACCTTTCTCTCAAAAAGTCAAATCTCATTG
TACATCAGAGAAGACATATAGGAGAAAACCTTATGAATGAAATGGATATTAGAAATTTCCAGCCACAAGT
CAGCCTCCATAATGCCTCAGAGTATTCACACTGTGGGAAAAGCCCTGATGACATCCTGAATGTTCAAGTAA
    
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**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001278179

**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>                | <u><a href="#">NM_001278179.1</a></u> , <u><a href="#">NP_001265108.1</a></u>   |
| <b>RefSeq Size:</b>           | 6250 bp   |
| <b>RefSeq ORF:</b>            | 2100 bp   |
| <b>Locus ID:</b>              | 7581  |
| <b>UniProt ID:</b>            | <u><a href="#">Q06730</a></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]<br>Transcript Variant: This variant (11) contains an alternate exon before the last exon and uses an alternate splice junction at the 5' end of the last exon compared to variant 1. These differences cause translation initiation at a downstream AUG and results in an isoform (d) with a shorter N-terminus compared to isoform a. Variants 4, 6, and 10-14 all encode the same isoform (d).                                    |