

Product datasheet for **SC100213**

ZNF31 (ZSCAN20) (NM_145238) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF31 (ZSCAN20) (NM_145238) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN20
Synonyms:	KOX29; ZFP-31; ZNF31; ZNF360
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_145238, the custom clone sequence may differ by one or more nucleotides

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ATGGCTATGGCCCTGGAATTGCAAGCCCAGGCATCTCCGACGCCAGGCCTGAAGAACTCCTGATTGTGA
AACTGGAAGAGGACTCTGGGGATCAGAATCCAAACTCTGGGAGAAGACCGTGGCTCTGTCTCTGGCCC
AGAGGCCTCCCGCCAGCGCTTCAGGCAATTCAAATACAGGGATGCAGCTGGACCCACGAGGCCTTCAGC
CAGCTCTGGGCTCTCTGCTGTCGTTGGCTGAGGCCGAGATCCGTCTCAAAGAGCAGATCCCTGGAGCTGC
TCGTGCTGGAGCAGTTTCTGACTATCTTGCCTAGGGAGGTCCAGACCTGGGTGCAGGCACGCCACCTGA
GAGTGGTGGAGGCTGTGGCCTTGGTGGAGGATTGGCACCGAGAGACCAGGACTGCAGGACAGTCGGGA
CTGGAATTGCATACAGAAGAGACCAGGCCCTTAAAGACAGGGGAAGAAGCTCAGAGCTTCCAGCTGCAGC
CAGTGGATCCCTGGCCTGAGGGACAGTCCAGAAGAAGGGGTGAAGAATACATGCCCTGACCTTCCCAA
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CTCCCAAAGATGGGGAGCGTTGGAGATTGGGAGGTGACAGCTGAGTCCCAGGAAGCCCTGGGCCCTGGCA
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CAATGAAGATGCTGTCAAACCTTCAACCTTGTGTCTAAAGCCCCAGACATGGGTTTTGAAATGAGGCAT
GAGGATGAAGACCAGATTCAGAGCAGGACATTTTTGAGGGTTTGCCTGGAGCCTTATCAAATGTCTTA
CAGAAGCTGTTTGCCAACCTCTTACTGGGAGAAAGACAGTGAATAATGAAATGAAGATGAAGGGCAGTG
GGGAAATCCCTCACAGGAACAGTGGCAAGAAAGTTCTTCTGAAGAGGACTTAGAAAACTTATTGACCAT
CAAGGCCTGTACCTTGCAGAGAAACCTACAAGTGTGACACATGCATGAAGAGCTTCAGTCGGAGCTCCC
ACTTCATTGCCCATCAGCGAATCCACACAGGTGAGAAGCCCTACAAATGCCTTGAATGTGGAAAAAACTT
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GGGAGGAAATCCTGACCAGTGTAGTGAGCCTGGGGAAAACCTTGGCCAAAGCCCATCTTTTAGTGCTCAC
TGGAGGAATTCTACAGAAGAGACAGCTCCTGAACAACCTCAAAGTATCAGTAAGGACTTGAATTCTCCTG
GACCACACAGCACAAACTCAGGGGAGAACTTTATGAGTGTCTGAATGTGGAAGAAGCTTCTCTAAGAG
CTCTGCCCTCATTAGTCACCAAAGAATCCATACGGGAGAGAAACCATATGAATGTGCCGAATGTGGGAAA
AGCTTCAGTAAGAGCTCCACCCTGGCAACCACCAGCGCACCCACACTGGAGAGAAGCCGTATAAATGTG
TGGACTGTGGGAAGTGTTCAGTGTGAGCGCTCCAAGCTCATCACACACCAGAGAGTGCACACAGGAGAGAA
GCCCTACAAATGCCTTGTGAGTGTGAAAAATCTTCCGTGACCGTCTAACCTCATTACTCACCAGAGGATT
CATACGGGAGAGAAGCCGTATAAGTGCAGAGAGTGTGGGAAATGCTTTAACAGAGCTCCAGTCTTATTA
TTCACCAGAGAATCCACACAGGGGAGAAACCTACAAGTGCACAGAGTGTGGCAAAGACTTCAACAACAG
TTCCCACTCAGTGCTCACCGGAGAACCATGCAGGAGGGAAGGCGTCTGAT
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145238 unedited GGGGGCAACATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGCCGCCCTG TTGTGAAAGCCTTGGGGAGCAGTCCCTTTCTAGGAGCCTCTTGAAGGACTCACCGTAGA TGCAGGAAGACATTGGATGAGGTCAGCATAGCTGAAGTGAGGTGTCTGGGTTAGACAATG GCTATGGCCCTGGAATTGCAAGCCCAGGCATCTCCGACGCCAGAGCCTGAAGAATCCTG ATTGTGAAACTGGAAGAGGACTCTTGGGGATCAGAATCCAAACTCTGGGAGAAGGACCGT GGCTCTGTCTCTGGCCCAGAGGCCTCCCGCCAGCGCTTCAGGCAATCCAATACAGGGAT GCAGTGGACCCACGAGGCCTTCAGCCAGCTCTGGGCTCTCTGCTGTCGTTGGCTGAGG CCGGAGATCCGTCTCAAAGAGCAGATCCTGGAGCTGCTCGTGCTGGAGCAGTTCTGACT ATCTTGCCTAGGGAGGTCAGACCTGGGTGCAGGCACGCCACCCTGAGAGTGGTGAGGAG GCTGTGGCCTTGGTGGAGGATTGGCACCAGAGACCAGGACTGCAGGACAGTCGGGACTG GAATTGCATACAGAAGAGACCAGGCCCTAAAGACAGGGGAAGAAGCTCAGAGCTCCAG CTGCAGCCAGTGGATCCCTGGCCTGAGGNACAGTCCCAGAGAAAGGGTGAAGAATACAT GCCCTGACCTTCCAATCACCTAAATGCCGAGGTGGCACCACAGCCTTTGAAGAGAGTGC TGTCTCACTTCCCGAGTCCCTACTCTNCCAAGATGGGGAGCGTTTGAGATGGGGAGTGA CAGCTGAGTCCCAGGAAGCCCTGGCCCTGNCAAATGCTGAGAAGAGCTCTGTAAGACCC CCAGAGAGACTGTGGAACACC
Restriction Sites:	NotI-NotI
ACCN:	NM_145238
Insert Size:	4110 bp
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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_145238.2 , NP_660281.1
RefSeq Size:	4243 bp
RefSeq ORF:	2934 bp
Locus ID:	7579
UniProt ID:	P17040
Cytogenetics:	1p35.1
Domains:	myb_DNA-binding, LER, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]