

Product datasheet for **SC100416**

ZNF32 (NM_006973) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF32 (NM_006973) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF32
Synonyms:	KOX30; Zfp637; ZNF637
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006973, the custom clone sequence may differ by one or more nucleotides

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ATGTTTGGATTTCCAACAGCTACCCTGCTGGACTGTCATGGAAGATATGCCAGAATGTAGCGTTCTTCA
ATGTGATGACTGAAGCCCACCACAAATATGACCACTCTGAGGCTACAGGATCCTCAAGCTGGGATATCCA
AAATTCTTTCAGAAGAGAGAAGCTGGAACAAAAATCCCCAGATTCGAAGACACTACAGGAAGATTACCT
GGAGTGAGACAAAGGGTCTATGAGTGCCAGGAGTGTGGAAAAATCCTTCCGGCAAAAAGGTAGTCTAACGT
TACATGAGAGAATCCACACTGGTCAAAGCCTTTTGTGAGTGCACCCACTGTGGAAAAAGCTTCAGGGCCAA
AGGCAATCTTGTACACATCAACGGATACACACGGGAGAGAAGCCTTATCAGTGAAGGAGTGTGGGAAA
AGCTTCAGTCAACGAGGTAGTCTCGCTGTCCACGAGAGACTCCCACTGGACAGAAACCTACGAGTGTG
CTATTTGTGAGAGAAGCTTCAGGAATCAGAGTAACCTTGCTGTTACAGGAGAGTTCACAGTGGTGAGAA
GCCCTATAGATGTGATCAGTGTGGAAAAGCCTTCAGTCAGAAAAGGAAGCTTAATTGTTTCATCAGAGTC
CACACAGGCCTGAAGCCCTATGCCTGTACCCAGTGCAGGAAGAGTTTCCACACCAGGGGGAATTGTATTC
TGCATGGCAAAATCCACACAGGAGAGACACCCTATCTGTGCGGCCAGTGTGGAAAAAGCTTCACCCAGAG
AGGGAGTCTGGCTGTGCACCAGCGAAGCTGCTCACAGAGGCTCACCCCTTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006973 unedited</p> <pre>AATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGCACGCGCCGC TGCGGTGCTCAGGAACAGCCCATGGAAGAATCATATGAAGAGGTGGTACTGAGGTGCTA AGCAGGAGTGGACATGTTTGGATTTCCAACAGCTACCCTGCTGGACTGTCATGGAAGATA TGCCCAGAATGTAGCGTTCCTCAGTGAGTGAGTCAGTTGATGGCTGGATGCGCTCAGCTC ACAGATTCAGTGTCCCTGTTCTCAGCACTGGTCGGCAGTCTGAGGAAGCAGAGGAGAC CTTGCTTTGGTAGAGCTTGCTGTTCCCTAGGGTTATAAGAAAAGCCTGTGAGCTGGAGTTA GAAGTAATAGTAGAAACAGAGCAAGAGAACCATCTTGATATGGAGGTAGCGTTGAAGTAC TCTCTGAGAATGAATGAGCAGCTTAAATCTCAGCACTGTCCTGAATAAGGCAAGGGAAC AAGGAGAAGATCCCCTGGAGTGACAGACACCAAGAAAAGTGAATGGTATGAATGGA CCCATATTTAAAGTGACCCNNNNNGCTCAGATGCAGGGCAGTATCCGAAAAAAAAAAGT CATCTATCTGCATAGAGAATAACTTCAAACCAAAAATTGATTTTCAGTTTTGCCATAGCTT ACTAGACTGAAAAAGCAAGGATTTTAATGGGAAAAATTCCTTGGATCAGATTCTATAAT TGCCATGGCTACATCTGCAGTATCAGACAGGTTATTTAACTTTCCTCAAGCTCCAGGTTCC CGTCTGTAAAATAAGACATTAAGTTCCTATNCTTGTAGGGGTGCAGGGATTACCAATGAT TGATGTAAGCACCCAGGATTGGCTACATATTTCTGAGGCCATGTGCTT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006973 unedited</p> <pre>TACTATGNACC GCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGATAATAA ACAAGACATTTATTTTTCATACTCTTTTGGGGAAAGGAAAAAATCAGTTTGCCTACC CAATGATGGTCTTTCTGAAAGATTCTCCATTCATTCCATAGAAGTGGATAGGTTGCTTCA TCTCAGAGGATTTTGTACTCTTAATTCATAAAGAGAAGTCTCTTCAGGAAAGTGGTCAA AGGGTGAGCCTCTGTGAGCAGCTTCGCTGGTGCACAGCCAGACTCCCTCTCTGGGTGAAG CTTTTTCCACACTGGCCGCACAGATAGGGTGTCTCTCCTGTGTGATTTTGCCATGCAGA ATACAATTCCTCCCTGGTGTGAAACTTTCCTGCACTGGGTACAGGCATAGGGCTTCAGG CCTGTGTGGACTCTGATGTGAACAATTAAGCTTCTTTCTGACTGAAGGCTTTTCCACAC TGATCACATCTATAGGGCTTCTCACCCTGTGAACTCTCCTGTGAACAGCAAGGTTACTC TGATTCCTGAAGCTTCTCTGACAAATAGCACACTCGTAGGGTTTCTGTCCAGTGTGGAGT CTCTCGTGAGCAGCGAGACTACCTCGTTGACTGAAGCTTTTCCACACTCCTTGCCTGA TAAGGCTTCTCTCCCGTGTGATCCGTTGATGTGTAACAAGATTGCCTTTGGCCCTGAAG CTTTTTCCACAGTGGGTGCACACTAAAAGGCTTTTGACCAGTGTGGATTCTCTCATGTNAC GTTAGACTACCTTTNTGCCGGAAGGATTTTCCACACTCCCTGCACTCATAGACCCTTTGT CTCACTCCAGNTGAATCTCCTGGANNTGTCTCGATCTGGGGGATTTTGTCCAGCTCTCC TCTCTGAAGAATTTGGATATCCAGCTTGAGATCTGTAGCCTCAAATGTCTATTGGTGGGG GCTCCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006973
Insert Size:	2500 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_006973.2 , NP_008904.1
RefSeq Size:	1176 bp
RefSeq ORF:	822 bp
Locus ID:	7580
UniProt ID:	P17041
Cytogenetics:	10q11.21
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the more frequently occurring variant. Variants 1 and 2 both encode the same isoform (a).