

Product datasheet for **SC114936**

ZNF432 (NM_014650) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF432
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_014650, the custom clone sequence may differ by one or more nucleotides

ATGATCAATGCCAGGAATTGCTGACACTGGAGGATGTTACTGTGGAGTTCACCTGGGAGGAGTGGCAGC
TCCTGGGCCCTTTTCAGAAGGATTTGTACCGGATGTGATGTTGGAGATCTACAGCAACCTGCTATCAAT
GGGTTATCAAGTCAGCAAACAGATGCACTCTCCAAGTTGGAACGAGGAGAAGAACCATGGACAATGGAA
GATGAAAGGCACAGTCGAATCTGTCCAGAAAACAACGAAGTTGATGATCATCTGCAGGATCACTTGGAAA
ATCAAAGGATGCTGAAGAGTGTGGAACAATACCATGAACATAATGCATTGGAATACTGCCTCTCAAAC
CAAAAGCCTTTGTCTTTTCAGGGAATAATCATGATACATTTGAGTTATATATAAAACTTTGAAATCAAAT
TTAAGTTTAGTCAACCAGAACAAAAGCTGTGAATTAACAACCTACTAAATTTAGTGGAGATGGGAAAT
CATTCTTCATGGTAACATGAAGAACTTTATTCTGCAGCTAAATCTCTGTAAAGTACAAAAGCCAATAG
CACTAAATCCCAAGTCAGTAAGCATCAGAGAACTCATGAAATAGAAAAAACCCGATGCAGTGAATGT
GGGAAAGCGTTTGTCAAGAAGTCTCAGCTCACTGATCATGAGAGAGTTCATACAGGAGAAAAACCTTATG
GATGTACTTTGTGTGCAAAAGTGTCTCCAGAAAGTCCAGGCTAAATGAACATCAAAGAATTCATAAAAG
AGAGAAATCTTTTATGCAAGTGAATGTGGAAGTCTTCACTATGAAGAGCCGTCTGATTGAACATCAG
CGAACTCATACTGGAGAGAAAACCTACATATGCAATGAATGTGGAAGAGGCTTCCCAGGCAAGCGTAATC
TCATTGTACATCAGCGAAATCATCTGGAGAGAAATCCTATATAGTAGTGAATGTGGAAGAGGCTTAC
TGGGAAGAGCATGCTTATTATACATCAGCGAACTCATACAGGAGAGAAGCCCTACATCTGTAGTGAATGT
GGGAAAGGCTTCACCACAAAACACTATGTATCATACATCAACGAAATCATACAGGAGAGAAAACCATATA
TATGCAATGAATGTGGGAAAGGCTTCACCATGAAGAGCCGTATGATCGAACATCAACGAACTCATACAGG
AGAGAAACCTACATATGCAGTGAATGTGGAAGAGGCTTCCCAGGAAGAGTAATCTTATTGTACATCAG
AGAAATCATACAGTAGAGAAGTCATATCTATGTAGTGAATGTGGAAGAGGTTTTACTGTGAAAGCATGC
TCATCATACATCAGCGAACTCATACAGGAGAGAAGCCCTACACATGCAGTGAATGTGGGAAAGGCTTCCC
CTTGAAGAGTCGGCTGATTGTACATCAGCGAACTCATACTGGAGAGAAAACCTTACAGGTGCAGTGAATGT
GGGAAAGGTTTTATTGTGAATAGCGGACTGATGTTACATCAGCGAACTCATACTGGAGAGAAAACCGTACA
TATGCAATGAATGTGGAAGAGGTTTTGCCTTTAAGAGCAATCTTGTGTACACCAGCGAACTCATACTGG
AGAGAAACCTTTTATGTGCAGTGAATGTGGAAGAGGCTTCACCATGAAACGCTATCTCATTGTACATCAG
CAAATTCATACAGAAGAGAAATCTTGTATATGTAGTGAATGTGGAAGAGGCTTTGCCAAGGAAACAGAGC
TTGCTTTACATAAGCAAGTTCATCTGGAGAAAAACCTTATGGATGAATGAATGTGGTAAAGGCTTAC
TATGAAGAGCCGTCTAATTGTTTCATCAACGAACTCATACAGGAGAGAAAACCTTTGTATGCAGTGAATGT
AGAAAAGCCTTCTCCTCAAAGAGAAATCTCATTGTACATCAGCGAACTCATATGGAACAAACCTGA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_014650 unedited
GGTCAGGATTTTGAATACGACTTACTATAGGGNCGGCCGCGCAATTCGGCACGAGGGT
CAGCGCCATGTTTCTATAAAGCCTGCAAAATTCACAGGTCCTGGCTACCTGGGAAGA
GACAAGAAGTAAATGAAGAAAGAGGAAGATTCCAGGACCTAGATATGATTTCTGTGGACA
CCCTTCACTGGTGACTGAAGTTTCTAAATAGAAATTTAAGGCAGATCCAGAGGAGACAAA
GACAGAGTATCCCAGGTGCTGGCCATTTCCACACAGAGAAAATGATCAATGCCAGG
AATTGCTGACACTGGAGGATGTTACTGTGGAGTTCACCTGGGAGGAGTGGCAGCTCCTGG
GCCCTTTTCAGAAGGATTTGTACCGGGATGTGATGTTGGAGATCTACAGCAACCTGCTAT
CAATGGGTTATCAAGTCAGCAAACAGATGCACTCTCCAAGTTGGAACGAGGAGAAGAAC
CATGGACAATGGAAGATGAAAGGCACAGTCGAATCTGTCCAGAAAACAACGAAGTTGATG
ATCATCTGCAGGATCACTTGGAAAATCAAAGGATGCTGAAGAGTGTGGAACAATACCATG
AACATAATGCATTTGGAATACTGCCTCTCAAACAAAAGCCTTTGTCTTTTCAGGGAAA
ATCATGATACATTTGAGTTATATATAAAACTTTGAAATCAAATTTAAGTTTAGTCAACC
AGAACAAAAGCTGTGAATTAACAACCTACTAAATTTAGTGGAGATGGGAAATCATTTCT
TTCATGGTAACTATGAAGAACTTTATTCTGCAGCTAAATCTCTGTNAGTACAAAAGCCA
ATAGCACTAAATCCCAAGTCAGTAAGCATCAGAGAACTCATGAAATAGAAAAAACCCGT
ATGCAGTGAATGTGNAAGCATTNTGTCAGAGTCG

Restriction Sites: NotI-NotI

ACCN: NM_014650

Insert Size:	3900 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_014650.1, NP_055465.1</u>
RefSeq Size:	2593 bp
RefSeq ORF:	1959 bp
Locus ID:	9668
UniProt ID:	<u>O94892</u>
Cytogenetics:	19q13.41
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]