

Product datasheet for **SC113674**

ZNF532 (NM_018181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF532 (NM_018181) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF532
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018181, the custom clone sequence may differ by one or more nucleotides

ATGACCATGGGGGATATGAAGACCCAGACTTTGATGACCTCCTGGCAGCATTTGACATCCCAGATATGG
TCGATCCTAAAGCAGCTATTGAGTCTGGACACGATGACCATGAAAGCCACATGAAGCAGAATGCTCACGG
AGAGGATGACTCCACGCACCATCATCTTCTGATGTGGGTGTCAGCGTTATCGTCAAGATGTTCCGAAC
ATTGACTCTTCCGAGGGCGGGGAGAAAGACGGCCACAACCCCACTGGCAATGGCTTACATAATGGGTTTC
TCACAGCATCCTCCCTTGACAGTTACAGTAAAGATGGAGCAAAGTCCTTGAAAGGAGATGTGCCTGCCTC
TGAGGTGACACTGAAAGACTCGACATTCAGCCAGTTTAGCCCGATCTCCAGTGCTGAAGAGTTTGATGAC
GACGAGAAGATTGAGGTGGATGACCCCTGACAAGGAGGACATGCGATCAAGCTTCAGGTGCAATGTGT
TGACGGGGTTCGGCTCCCGCAGGACTACGATAAGCTGAAGGCACTCGGAGGGGAAAACTCCAGCAAAAC
TGGACTCTCTACGTGAGCAATGTGGAGAAAAACAAAGCTGTTAAGAGAGAAACAGAAGCCAGTTCTATA
AACCTGAGTGTATGAACCTTTTAAAGTCAGAAAAGCAGAGGATAAATTGAAGGAAAGCTCTGACAAGG
TGCTGGAAAACAGAGTCTAGATGGGAAGCTGAGCTCCGAGAAGAATGACACCAGCCTCCCGAGCGTTGC
GCCATCAAAGACAAAGTCGTCTCAAGCTCTCGTCTGCATCGCTGCCATCGCGGCTCTCAGCGCTAAA
AAGGCGGCTTCAGACTCCTGCAAGAACCAGTGGCCAATTCGAGGGAATCCTCCCGTTACCAAAAGAAG
TAAATGACAGTCCGAGAGCCGCTGACAAGTCTCCTGAATCCAGAATCTCATCGACGGGACCAAAAAACC
ATCCCTGAAGCAACCGGATAGTCCAGAACATCTCAAGTGAGAACAGCAGCAAAAGGATCCCGTCTCTCT
CCCGCAGGGTCCACACCAGCAATCCCAAGTCCGCATAAAAACCATTAAGACATCTTCTGGGGAATCA
AGAGAACAGTGACCAGGGTATTGCCAGAAAGTGATCTTGACTCTGAAAAGAAACCTTCCGAGCAGACAGC
GTCCGTGATGGCCTCTGTGACATCCCTTCTGTCGTCTCCAGCATCAGCCGCCGTCTTCTCTCCCCC
AGGGCGCCTCTCCAGTCTGCGGTCTGACCAATGCAGTTTCCCTGCAGAGCTCACCCCAACAGGTCA
CAATCAAGCCTGTGGCTACTGCTTCTCCAGTGTCTGCTGTGAAGACGGCAGGATCCCAAGTCATTAA
TTTGAAGCTCGTAACAACACCACGGTGAAAGCCACGGTCATATCTGCTGCCTCTGTCCAGAGTGCCAGC
AGCGCCATCATTAAGCTGCCAACGCCATCCAGCAGCAAACTGTCGTGGTGCCGGCATCCAGCCTGGCCA
ATGCCAACTCGTGCCAAAGACTGTGCACCTTGCCAACCTTAACCTTTTGCTCAGGGTGCCAGGCCAC
CTCTGAAGTCCGCAAGTGCTAACCAAACTCAGCAACAAATAAAGCAGGCAATAATCAATGCAGCAGCC
TCGCAACCCCCAAAAAGGTGTCTCGAGTCCAGGTGGTGTCTGCTTGCAGAGTTCTGTGGTGAAGCTT



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TCAACAAGGTGCTGAGCAGTGTCAATCCAGTCCCTGTTTACATCCCAAACCTCAGTCCTCCCGCCAATGC
 AGGGATCACGTTACCGACGCGTGGGTACAAGTGCTTGGAGTGTGGGGACTCCTTTGCACTTGAAAAGAGT
 CTGACCCAGCACTACGACAGACGGAGCGTGCATCGAAGTAACGTGCAACCATTTGTACAAAAGACCTCG
 TTTTTCACAACAAATGCAGCCTCCTTTCCCATGCCCGTGGGCATAAGGAGAAAGGGTGGTAATGCAATG
 CTCCCACCTTAATTTTAAAGCCAGTCCCAGCAGATCAAAATGATAGTTTCTCCGTCAAGCAATACTTCCACT
 TCAACTTCCACTCTTCAGAGCCCTGTGGGAGCTGGCACACACACTGTACAAAAATTCAGTCTGGCATAA
 CTGGGACAGTCATATCGGCTCCTTCAAGCACTCCCATCACCCAGCCATGCCCTAGATGAAGACCCCTC
 CAAACTGTGTAGACATAGTCTAAAATGTTTGGAGTGAATGAAGTCTTCCAGGACGAGACATCACTGGCT
 ACACATTTCCAGCAGGCTGCAGATACGAGTGGACAAAAGACTTGCACTATCTGCCAGATGCTGCTTCTTA
 ACCAGTGCAGTTATGCATCACACCAGAGAATCCATCAGCACAAATCTCCCTACACCTGCCCTGAGTGTGG
 GGCCATCTGCAGGTGGTGCCTTCCAGACCCACGTACCAAGAAGTGTCTGCACTACACGAGGAGAGTT
 GGTTTTCGATGTGTGCATTGCAATGTTGTGTACTCTGATGTGGCTGCTCTGAAGTCTCACATTCAAGGTT
 CTCAGTGTGAAGTCTTCTACAAGTGTCTATTTGTCCAATGGCGTTTAAAGTCTGCCCAAGCACACATTC
 CCACGCCTACACACAGCATCCTGGCATCAAGATAGGAGAACCAAAAATAATATATAAGTGTTCATGTGC
 GACACTGTGTTACCCCTGCAAACCTTGCTGTATCGCCACTTTGACCAACACATTGAAAACAGAGGTGT
 CTGTTTTCAAGTGTCCAGACTGTTCTCTTTATATGCACAGAAGCAACTTATGATGGACCATATCAAGTC
 TATGCATGGAACATTGAAAAGTATTGAAGGGCCTCCAACTTGGGTATAAACTTGCCCTTTGAGCATTAAAG
 CCTGCAACTCAAAATTCAGCAAAATCAGAACAAAGAGGACACCAAAATCCATGAATGGGAAAGAGAAATTGG
 AAAAGAAATCTCCATCTCCTGTGAAAAATCAATGGAAACCAAGAAAGTGGCCAGTCTGGGTGGACGTG
 TTGGGAGTGTGACTGCCTGTTTATGCAGAGAGATGTGTACATATCCACGTGAGGAAGGAGACCGGGAAG
 CAAATGAAGAAACACCCCTGCCGCCAGTGTGACAAGTCTTTCAGTCTGTCCACAGCCTGTGCCGGCACA
 ACCGGATCAAGCACAAAGGCATCAGGAAAGTGTACGCCGTCTCGCACTGCCAGACTCCAGACGTACCTT
 TACCAACGTTTTGATGCTGGAGAAGCACGTCCAGCTGATGCATGGCATCAAGGACCTGACCTGAAAGAA
 ATGACAGATGCCACCAATGAGGAGGAAACAGAAATAAAAGAAAGACATAAGGTCCCAAGTCCCAAGCGGA
 AGTTGGAAGAACCAGTTCTGGAGTTCAGGCCTCCCGAGGAGCAATCACTCAACCACTGAAAAAGCTGAA
 AATCAATGTTTTTAAGGTTCAAGTGTGCCGTGTGTGGCTTACCACCGAAAACCTGCTGCAATTCAC
 GAACACATCCCTCAGCACAAATCGGATGGTTCTTCTACCAGTGCCGGGAGTGTGGCCTCTGCTACACGT
 CTCACGTCTCTGTCCAGGCACCTCTTCATCGTACACAAGTTAAAGGAACCTCAGCCAGTGTCCAAGCA
 AAATGGGGCTGGGAAGATAACCAACAGGAGAACAAACCCAGCCACGAGGATGAATCCCCTGATGGCGCC
 GTGTCAGACAGAAAGTGCAAAGTGTGCGCAAAAACCTTTGAACTGAAGTGCCTTAAATACTCATATGC
 GGACACACGGCATGGCCTTCATCAAATCCAAAAGGATGAGCTCAGCCGAGAAATAG

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_018181 unedited
 NCGGTTTCAGATATTTGTATACGACTCACTATAGGGCGGCCGCGNAATTTCGCACGAGGTGT
 CAATCCAGTCCCTGTTTACATCCCAAACCTCAGTCCTCCCGCCAATGCAGGGATCACGTT
 ACCGACGCGTGGGTACAAGTGCTTGGAGTGTGGGGACTCCTTTGCACTTGAAAAGAGTCT
 GACCCAGCACTACGACAGACGGAGCGTGCATCGAAGTAACGTGCAACCATTTGTACAAA
 GAACCTCGTTTTTACAACAAATGCAGCCTCCTTTCCCATGCCCGTGGGCATAAGGAGAA
 AGGGGTGGTAATGCAATGCTCCCACTTAATTTTAAAGCCAGTCCCAGCAGATCAAATGAT
 AGTTTCTCCGTCAAGCAATACTTCCACTTCAACTTCCACTCTTCAGAGCCCTGTGGGAGC
 TGGCACACACACTGTACAAAAATTCAGTCTGGCATAACTGGGACAGTCAATCGGCTCC
 TTCAAGCACTCCCATCACCCAGCCATGCCCTAGATGAAGACCCCTCCAACTGTGTAG
 ACATAGTCTAAAAATGTTTGGAGTGTAAATGAAGTCTTCCAGGACGAGACATCACTGGCTAC
 ACATTTCCAGCAGGCTGCAGATACGAGTGGACAAAATGGAATGGAGCCAGCACGGTGGCT
 CACACCTGTAGTCCCAGCACTTTGAGAGGCCAAGGCAGGAGGATGGCTTGAGGCCAGNAG
 TTTGAGAGCAGCCTTTGACATATGAAGACTTGCACTATCTGCCAGATGCTGCTTTCTAAC
 CAGTGCAGTTATGCATCACACCAGAGAATCCATCAGCACANATCTTCTACACCTGCCCT
 GAGTGTGNGGCCATCTGCAGGTGGTGCCTTCCAGACACGTACCAGGACTGTTTGACT
 AC

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018181 unedited <pre> GGTCCACGTTTATTTACATATGAAAAGTGTTCATACAGTTATGATGGATGGAGTGCAT AACACCTGACAGCAGCAAGACCTTTTGAGGAACCGAACATTGACTACAGTATATCATGCA AGTATCTATATATACACAAAAGAATTCCTTTCTTAAAAAAAAAAAAAAAAAAGGTAC AAAACATGTTTCAGGGATAAATACAAGATACAAATGCAAAAGAAAACACAAAACAAACC AAAAATAGAACTCTCTCAGAGAACTATAACGGAAGGGACAGAAGAGTACCTCTGCTGC ATTTTAATAAAGCAGAACTACCGACGTTAAATATACTTCTTGAATGGCTGAACTAAACC CGGGTGGCTCAGTGCTTAAGGTAAACGGCCAATTGCAATACACAGGCGGCTGCATTGATAA GTCGGTGGTTGAAGTTGTGCATCCCGACTCTAAGTACCATAACGTTTGGCAGTAGCACCC AGAACAGGAAACGCCAACTCTTTTGACAGCAAAGGGTTAAGTCAACTGATTTTTTCTGT CAAGAGCCAGAGAAATACTTGATATTCTTAGCTGTGTTTCTGTAATAGTTAGTTAATAAA TTACATGACAAAAACCTGACTATATAAATCTATTGGTCTAACTACGTATTTGTAACCTTT ATAGTAGTCCAGCCCTTCGTTACTTTCCCTCCTGTGCTCTTAAAGCCAGCCTTGACAGA TCTGCCGAGAAACAAATCCCATTTTTTCTTTAGAATAGCCTTCCCCATTCTCAAATG GAACTGANGAAATCAGCATTCTTATTAGAATTCTAGCTTCAGTNTTATCCACGGCTGG GAAAGGAGCGACTGCAGAATGCTTAAACACCTTCGCATGCCTGAGAACAGACGTCCAAC GNATGCAGTGTCTCAATGTGACTACTCCTCAGGCAGCACATGAGGATGCTAGACCTAAAG NTCCTATGTTTGAAACCCATACTAANTTATGNTGATCTAAATAAAAACTAAAAGCTTNTT ACCTGATAGTACC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018181
Insert Size:	3100 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).
OTI Annotation:	This clone may be unstable or toxic at high copy number in common E. coli strain. We recommend using a lower copy number E. coli strain, such as CopyCutter strain (http://www.epibio.com/item.asp?ID=435) for transformation and plasmid preparation. Please be aware that the DNA yield could be low. Additional aliquots of this clone can be ordered from OriGene.
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.
RefSeq:	<u>NM_018181.1</u> , <u>NP_060651.1</u>
RefSeq Size:	6493 bp
RefSeq ORF:	1839 bp

Locus ID: 55205

UniProt ID: [Q9HCE3](#)

Cytogenetics: 18q21.32

Domains: zf-C2H2

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (a). Variants 1-9 all encode the same isoform (a).