

Product datasheet for **SC106165**

ZNF595 (BC009008) Human Untagged Clone

Product data:

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|---------------------------|----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF595 (BC009008) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF595 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for BC009008, the custom clone sequence may differ by one or more nucleotides

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CTCCTGCGAGGGCTTGGTTTAGGGCTTCAGCTCTCTCGCTTCTCGGCTCCGGGAGGCCTCGGTGATTCAG
CCACAGCCTCTGCTCCCGTTGCTCTGTGACCTGAGGGTATTGGACAATTTGTAGCTAAGACTCCGGGAT
ACCCTGAAGTCGGGAAATGGTGTGAGTGTGCGGGGAGGGCTCCGGAGGCTGGGGAGGCCTCATCGGAACC
GGCGGGAAATGGCGGCGGCGGGACCGAGTCTGCGAACGGAGTCCCGCTGCCGCCTCTCAGCCCTCAGTC
CCCTCCGGTGACGGACCGGGCTCCTGTCTCGTCCCGCACGGCGGCTCTGGCCAGCCTGCGGCCCTCCTT
GTGCAATTCTGCGCCCGCAGCCCGCACCTTCCCTGGGCCGTGGGGTGGAGGAGCTCATCTGGAAGAC
GCCGGCGCCCGCTGCGAGGTGCCCGCTGGGAGGAGCTGTGGTCCGGGGTCCGGTCCCTACTTTACCC
TGTTCCGAATGAGATCGAGGCCCATCGAAACAAAGTTCATGTGAGCAAACGGGGTCTCATTAAATGGGAC
AGCGTCGCGCCGCGCTCCTGGTTGGGGACTGCCAGCGGGTCTTGAAGGAAAGGCTTTTGTGAGGTGTGT
GAGCAAGCGAAGCAAATCACCCGCCGCTCCAACCTATTCCACCAGTCCCTTTGCCCTGTGCACCTCTCC
GGTGGCTGTTTCTGAGTAACATCTTTTGAATACGCTGGTGTGCGTGGCAGCGGCTTCTCAGTTCTG
TGAGTAGTTCTGCCACATTGCTGAACCTGAGGGTGTGGGCGCCCTGGTTTGTAGACAGGCGTTCAGAAA
TGAAGACGGGTGTCCAGAGGCAGGGACTGGCGTCTGCAGCGGGAGCAGTTGTGGGAAGAGCGCTGAGCTT
GTGGGGTCTGCGCTGACTCTGGGTGGTGTCTGTAGTGTGCTGGACACCGCTTGGGGTGGAGCATT
GACTGGTGTGAGGAACTCCGCAGTTTTCTGTGAGAAGAAAGACATGGCTGAGCCTGGGCTGGAGAAA
GATGCCTGGTGTCTGCGGGAGGCGCGCCGGTCTGCATATGTCTGTCCCGCTGGGACTGTCCTTTT
CCTCCAGTCTCCTTCCGGGGAGAGAGGGGACCCAGAACAAGAGGAAAGGAGTTCTGAGAAACATCCCT
TCCCTGCCACCTGCTGCCAGCCCCACCAATGCTAGTCCACTCTGAGCACGCCACCGGGCATTTCGCA
TTGCCCACTCTTCCAGTACAGGATCCACCTCAGGAATTGTGCCCATGGCAGCTTTGCCCTAGCGTT
TTCTGCCAAAAACACACGAGTCCCAGAAGTCTCCTGGCTCATCTCAACCGCAGACCGGATCTACAGCA
GGAACCTGCTTCCCTCACCCACCAGGCTTCCGGACCACCTGATCCTAATCCCTTCTGTCTTTGTAGACA
TGAATCAGAGCGTAGCCCTGCCTCGGCCTGTACCTGTGGCACAAACCAGTGCTTTAGTCAGTCCTGCC
TGCTCCCACTCATGGCTTTTTTTTTTGTAGATGGCGTCTGTCTGTTGCCAGGCTGGAGTGCAGTGGC
GTGATCTCGGCTTACTGCAAGCTCCGCCTCCAGGTTACGCCATTCTCCTAACTCAGTCTCCCGAGTAG
CTGGGATTACAGGCGCCGCCACCATGCCTGGCTAATTTTTTTTTTTTTTGTATTTTAGTAGAGACGGG
GTTTACCCTGTAGCCAGGATGGTCTGGATCTCCTGACCTTGGCCCTCCCGCTCGGCCTGCCAAAGT
GCTGGGATTACAAGCGTGAGCCACCGCGCCGGCTCCCAACCATGGCTGTTGATAGCTCCTTTCTCTTC
TGCTTTTTCTCCCCACAAATCTTTTTCTGTGTACACGGTGTGCCAAGTCCATCCCTCAGGTGCC
ATGAGAATTCAGACGTTAGTGAGTTCGAAACCAGGCCTTTTGGCCTGGCTGTTGTAGGAGCAAACAAAA
TTAGAAGAGGCTAATGCTTTCTTTTAGAACGAGGGAAGAATTTTTGCTCTTCTCTTTTCTTAAAGC
ATTTAGTTTGAAGCTTTTATATTTAAATTTTTCTCTGCTTCTTTGAAATATATGTAATCATTTTTAT
CAGTTAAATAGGTCATTTGTCTTTTTGGCTCAAATTTGCTTTCATCTGGGACCTGGGAATTTGCTTT
GAAATGTAATAGCAAGAATATACCCCTATTTACAGTTTCTGTAGGGGACTAGGAGGCTGCCTCAGC
AGGTACCTAGCTCCACATTGCAAATCTACATCCTGTACGAAGATGTGGATGTTTATTTTTCTTTAATG
ATTAGAAAAAATTAGAAAACCCAGATGACCTCTCAAATTACATGATGAAATTATAATAAATTTGTGTATGG
CAAAAAAAAAAAAAAAAA
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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for BC009008 unedited</p> <pre> NTGTCAACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGCTTGGTTTA GGGCTTCAGTCTCTGCGTTCTCGGCTCCGGGAGGCTCGGTGATTACAGCCACAGCCTCT GCCTCCCGTTGCTCTGTGACCTGAGGGTATTGGACAATTTGTAGCTAAGACTCCCGGATA CCCTGAAGTCGGGAAATGGTGAGTGTGCGGGCAGGGCGTCCGGAGGCTGGGAGGCCTC ATCGGAACCGCGGAAATGGCGGCGGGGACCGAGTCTGCGAACGGAGTCCCCGCTGC CGCCTCTCAGCCCTCAGTCCCCCTCGGTGACGGACCGGGCTCCTGTGGTCCCCGCACGG CGGCTCTGGCCAGCCTGCGGCCCTCCTTGTGCAGTTCTGCGCCCGCAGCCCGCACCTT CCCTGGGCGGTGGGTGAGGAGGAGCTCATCTGGAAGACGCCGGCGCCCGTGCATGT GCCCGCTGGGAGGAGCTGTGGTCCGGGGTCCGGTCCCTACTTTACCCTGTTCCGAATG AGATCGAGGCCCATCGAAACAAAGTTCATGTGAGCAAACGGGTCTCATTAAATGGGACA GCGTCGGCCGCGGCTCCTGGTTTGGGACTGCCAGCGGTCTTGAAGGAAGGCTTTTGTG AGGTGTGTGAGCAAGCAAGCAAATCACCCGCCGCTCCAATTTTACCAGTCCCTTT GCCCTGTGCACCTCCTNCGCGTGGGCTGTTCCCTGAGTACATCTTTTGAATACGCTGG TGTCGGGTGCGCCAGGCGCCTTCTCAGTTCTGTGGAGTAATTCCTGCCACACTTGCTGG ACTTGGAGGGTTGTGGGCGCCCTCGTTTTGTAACAGCGGTCANAAATGAAGAACCG TTGTNCANAAGCAGNACTGCCGCTCTG </pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for BC009008 unedited</p> <pre> NNCCGGTTTTACTATGNNACCGCGCCGAANCTAGGATCGAGTTTTTTTTTTTTTTTTTTT TTTTTTTTTTGGCATAACAATTTATTATAATTTTCATCATGTAATTTGAGAGGTCATCT GGGTTTTCTAATTTTTCTAATCATTAAAGAAAAAATAAACATCCACATCTTCGTGACA GGATGTAGATTTGCAATGTGGAGCTAGGTACCTGCTGAAGGCAGCCTCCTAGTCCCTAC AGAAACTGTGAAATAGGGTGTATATTCTTGCTATTTACATTTCAAAGCAATAGTCCCAG GTCCCAAAAAAGACAATTTTGAGCCAAAAAGACAAATGACCTATTTAACTGATAAAAA TGATTTACATATATTTCAAAGAAGCCGAGAAAAATTTTAAATATAAAAGTTCTCAAATA AATGCTTTTAGAAAAAGGAGAAGAGCCAAAAATTTCCCTCGTTCTAAAGAGAAAGCATT AAGCCCTTCTAATTTGTGTTTGTCTCTACAACAGCCAGGCCAAAAAGGCCTGGTTTCGAA CTCACTAACGTCTGAATTTCTATAAGCACCTGAGGGAAGGACTTGGGCACACCGTGTACA CAGAAAAGAAAAATTTGTGGGGGAGGAAAAAGCCGAAGAAAAGGAGCTCTCCACACCCCTG GGTGGGAAGCCCGCCCGTGGCTCACGCCTGTAAATCCACACTTTTGCAGGCGAAGCG GGAAGGCTCAAGGTCAAGGATCCCCACCATTTCTGGCTTAAACGTGAAAACCCCTCTCTT CTTTAAATTCAAAAAAAATACCCCGGCTGGTGGCGGGCCCTGTATCCCAACTCCTC GGAAAACGAGTTAGAAAAAGGGGGAACCGGGGGCGGGCT </pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | BC009008 |
| 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:

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: [BC009008.1](#)

RefSeq Size: 2468 bp

RefSeq ORF: 2468 bp

Locus ID: 152687

Cytogenetics: 4p16.3

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein belonging to the Cys2His2 zinc finger protein family, whose members function as transcription factors that can regulate a broad variety of developmental and cellular processes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Oct 2013]