

## Product datasheet for **SC125013**

### ZNF596 (NM\_173539) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF596 (NM_173539) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF596
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173539, the custom clone sequence may differ by one or more nucleotides

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ATGCCATCACCGATTCCATGACCTTCGAGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTGC
TGGACACATCCCAGAGAAAGCTGTTTCAAGATGTGATGTTGGAGAACATCAGTCATCTGGTCTCTATTGG
CAAACAGCTCTGCAAAATCAGTTGTGCTTTCCCAATTGGAGCAAGTAGAGAAACTTCAACACAAAGAATA
AGCTTACTGCAAGGTAGAGAAGTTGGCATTAAACATCAAGAGATACCATTCAACATATCTATCAGA
AGGGCAGTCCACCATCAGCACAATGAGATCTCATACTCAAGAGGATCCTTTTCTATGCAATGACTTAGG
AGAAGATTTCACTCAACATATAGCATTGACTCAAAATGTGATTACCTACATGAGAACGAAACACTTTGTA
AGCAAAAAGTTTGGGAAAATCTTCAGTGACTGGTTATCCTTTAATCAACACAAGGAAATTCACACCAAAT
GTAATCATATGGAAGTCATCTATTTGATTATGCCTTTATCCAAAACCTTGCCCTTAGACCACACAGTGT
GACTCACACTAGAGAGATAACATTGGAATGTCGTGTGTGGGAAAACCTTTAGCAAAAATCTAATCTT
AGGCGACATGAGATGATTCACACTGGAGAGAAACCACACGGATGTCATCTATGTGGGAAAGCCTTACTC
ATTGCTCTGATCTTCGAAAACATGAGAGAACTCACACTGGAGAGAAGCCATATGGATGTCATCTATGTGG
GAAAGCCTTCAGTAAAAGTTCTAACCTTAGACGACATGAGATGATTCACACTAGAGAAAAAGCACAGATA
TGCCATCTATGTGGGAAAGCCTTCACTCATTGCTCTGACCTTAGAAAACATGAGAGAACTCACTTAGGAG
ATAAACCATATGGATGTCTCCTATGTGGGAAGGCTTTCAGTAAATGTTCTTACCTTAGACAACATGAAAG
AACTCACAATGGAGAGAAACCATATGAATGTCATCTATGTGGAAAAGCCTTCTCTATTGTTCTCACCTT
AGACAACATGAGCGAAGTCACAATGGAGAGAAACCACATGGATGTCATCTATGTGGGAAAGCATTCACTG
AATCTTCTGTGCTTAAACGACATGAGAGAATTCACACTGGAGAGAAACCATATGAGTGCCATGTATGTGG
GAAAGCCTTCACTGAATCTTCTGACCTCAGACGACATGAGAGAACTCACACTGGAGAAAAACCATATGAA
TGCCATCTATGCGGAAAAGCCTTCAATCACTCTTCTGTCTTAGACGACATGAGAGAACTCACACTGGAG
AGAAACCATATGAATGCAATATATGTGGTAAAGCCTTCAATAGAAGTTACAACCTTAGACTTCATAGAAG
AGTTCACACTGGAGAGAAACCATATGTATGTCTCTATGTGGGAAAGCCTTAGTAAATTTTTAACCTT
AGACAACATGAGAGAACTCACACTAAAAAGCAATGAATATGTAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_173539 unedited  
 AATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCTCCACACC  
 CGGGGTCTGCTGGTCTCCGCGGATGTCACAGGCTCGGCAACCGCCCTCTGTGCGGCGGG  
 AGTCCCGCGACGCCCGGAAATGCTCCGAAGCCTGTCGCCAGCTGCCAGATCTGCGTCTG  
 TGTCGGTTCCGTCACAGATTGTCTTCTTAGTGCTTGGATGGTGTGAGTGAAAACCC  
 AGAGGAATACATTTGGTGGCTGAGCTAGTACAATGCCATCACCGGATCCATGACCTTCG  
 AGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTGCTGGACACATCCCAGAGAA  
 AGCTGTTTCAAGATGTGATGTTGGAGAACATCAGTCATCTGGTCTCTATTGGCAAACAGC  
 TCTGCAAATCAGTTGTGCTTTCCCAATTGGAGCAAGTAGAGAACTTTCAACACAAGAA  
 TAAGCTTACTGCAAGGTAGAGAAGTTGGCATTAAACATCAAGAGATACCATTCAATCAAC  
 ATATCTATCAGAAGGGCACGTCCACCATCAGCACAATGAGATCTCATACTCAAGAGGATC  
 CTTTTCTATGCAATGACTTANGAGAAGATTTCACTCAACATATAGCATTGACTCAAAATG  
 TGATTACCTACATGAGAACGAAACACTTTGTTAGCAAAAAGTTTGGGAAAATCTTCAGTG  
 ACTGGTTATCCTTTAATCAACACAAGGAAATTCACACCAATGTAATCATATGGAAGTC  
 ATCTATTTGATTATGCCTTTATCCAACTCTGCCCTTAACCACCAGTGTGACTCACACTA  
 GAGAGATACATTGGNATGTCGTGTGTGGAAAACCCCTACCAAAC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_173539 unedited  
 GCCGCGGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTGTGACAGTACTAATTTAATC  
 TTATTACTTCTTACATAATTCTGCATTCAATATCCCAGGTTATTTTCAAGAAATGTACATT  
 TCAACCCACATATTTAAGTAGAAAAGTCTTTATTCAAAATTATAATTTTTTTCTCAAGCA  
 CGTGCTTGATGGCTTTATGTTTTGTCCCCAGCTATACATCTCATCAATGGCTTTTTAGA  
 GTTTTCATCCCTGTCTCACTTTTTTGTGACATAAAAAGCTGCCTGAAGTTTTTCCACTATCC  
 TGCAAGATAGTTTTCTCACTGGAAAAATGCTGGTATTGACTAAGGAATGAGTAATTTAC  
 TGAGGACTACCCTCCATTATGTCATTGAGAGTTCTACACCATGTGAATTCTGATCTATT  
 ATAGAAGTGCTGTGATTAAGAAAAGGATTTCTCATGAGTTTTTATTGAATACCTTCTC  
 CACTATGAATGTCTGGAATTGTTCAAGAAGCCTCATCCACCTAATAAAAAATTTTACAT  
 AATTCCTGTTTTATCAGTACCTATTATGAATTTCTTGCCACCCAAATGGGCTTACTGA  
 TGAGAGGGCCCAATCCACCATGGGGGGTCCCGGGGATTACCCTTTTTTAAAGGAAA  
 AATAACAAGGATTTTTTCTTCCCCCGACCAGACATAATGTGGGGATGCCCCCTCTCT  
 CCACGCAGGGGGGGGGTCCACCCTCCCCCTCCCTCGTGCCATATCCCCCTTCCCC  
 CCCGAAAGGCCCTTCAATTTGCCCCATCGCCAACCAATAAAAAGCTGGGTTCCCTT  
 TCCCTCATCCCCGGGGCAACCAGGCCTCATATACCGGTTCCCCCCCCCATCCAAC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_173539

**Insert Size:**

2880 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:** [NM\\_173539.1](#), [NP\\_775810.1](#)

**RefSeq Size:** 2781 bp

**RefSeq ORF:** 2781 bp

**Locus ID:** 169270

**UniProt ID:** [Q8TC21](#)

**Cytogenetics:** 8p23.3

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 through 6 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.