

## Product datasheet for **SC124539**

### ZNF587 (NM\_032828) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF587 (NM_032828) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF587
Synonyms:	ZF6
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC124539 sequence for NM\_032828 edited (data generated by NextGen Sequencing)

```
ATGGCAGCGGCTGTGCCGAGGCGCCAACTCAGCAGGGCACTGTGACCTTTGAAGATGTG
GCTGTGAACTTTCCAGGAGGAGTGGTGTCTTCTTAGTGAGGCTCAGAGGTGCTTGATC
CGTGATGTGATGCTAGAGAACCTGGCTCATATCCTCGCTGGGTTGTTGGTGTGGATCA
AAAGATGAGGAGGCACCTTGTAAAGCAGAGAATTTCTGTACAAAGAGAGTCTCAGAGCAGG
ACTCCTAGGGCAGGTGTTTCTCCTAAGAAGGCTCACCCCTGTGAAATGTGTGCCCTCATC
TTGGAGGATGTTTTTCACTTTGCTGACCACAGGAACTCATCAAGCAGAAGCTGAAC
AGGAGTGGAGCATGTGGAAAAAATTGGATGACTGCATACCTTCATCAGCACCAGAAG
CAGCATATTGGAGAGAAATTCTACAGAAAGAGTGTGAGAGAAGCATCGTTTGTAAGAAA
CGTAAGCTCAGGGTGTACAGGAGCCATTTGTCTTCCGCGAGTTTGGGAAGGACGTTCTG
CCCAGTTCAGGATTGTGCCAAGAAGAAGCTGCTGTAGAGAAGACAGACAGTGAAGTATG
CATGGCCACCCTTTCCAGGAGGAAAACTAATTACAGTTGTGGAAAACGCACAAAAGCC
TTCAGCACAAACTCAGTTATCCACACCAGAACTTTTCACTAGAGATGGATGTTAT
GTGTGCAGTGATTGTGGAAAATCTTTAGCAGATATGTCAGCTTCAGTAATCATCAGCGA
GATCACACTGCAAAGGACCTTATGATTGTGGAGAGTGTGGGAAATCTTATAGTCGAAAG
AGCAGCCTTATCAACATCAGCGAGTCCCACTGGACAGACAGCTTATCCCTGTGAGGAG
TGCGGGAAATCTTTAGTCAGAAGGGCAGCCTTATTAGCCATCAGCTTGTTCACACTGGA
GAAGGGCCTTATGAGTGTAGAGAATGTGGGAAATCTTTTGGTCAAAGGGTAACCTCATT
CAACATCAGCAAGGTCACACTGGAGAGAGAGCTTATCACTGTGGGGAATGTGGGAAATCT
TTTCGTCAGAAGTTCTGCTTTATTAACCATCAGCGTGTTCACACTGGAGAAAGGCCTTAC
AAGTGTGGAGAATGTGGGAAATCTTTTGGTCAAAGGGCAACCTCGTTCACCATCAGCGA
GGTCATACTGGAGAAAGGCCCTATGAGTGCAAGGAATGTGGGAAATCATTAGGTACAGA
TCCCACCTCACTGAACACCAGAGACTTCACACTGGGGAAAGACCTTACAATTGTAGGGAA
TGTGGGAAATTATTTAACAGGAAGTATCATCTTCTGGTTCATGAGAGAGTTCACACTGGA
GAAAGGCCATATGCGTGTGAGGTATGTGGGAAATTATTTGGCAATAAGCACAGCGTGACT
ATACATCAGAGGATTCACACTGGAGAAAGGCCGTATGARTGCAGTGAATGTGGKAAATCA
TTTTTTCCAGCTCTGCGCTTCATGTTCAAAAAGAGTTCATTCTGGACAAAAGCCTTAT
AAGTGCAGTGAATGTGGAAAATCTTTTCTGAATGTTCCAGTCTCATTAAACACAGGAGA
ATTACACTGGAGAAAGGCCCTTATGAATGCACCAATGTGGAAAAACATTTAGCGAAGC
TCTACCCTCTTCATCATCAGAGTTCACACAGGAGAAAGGCCCTTATGA
```

Clone variation with respect to NM\_032828.3  
1479 a=>r;1494 g=>k

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_032828 unedited  
 TGTAATACGAACCTCACTATAGGGCGGCCGCGATTTCGGCACGAGGGGGTCTCTAGTAGCG  
 GCTGTGTATCGGCGATGCGGGTGTTCCTCCAGTTTGTGGCCCCTGAGTGTCTGGGTGGGAC  
 CGCGGTGACTGAACCTAGAAGGTGGAGAGGAATCGTCCTCGGTGCCAGAGGGCGGCTCTG  
 CAGCCCCGTGACGGCGACCACTGCTCCCGGGCCGTGCTTCCCAAGTAGTCCGATGGCAG  
 CGGCTGTGCCGAGGCGCCCAACTCAGGGCACTGTGACCTTTGAAGATGTGGCTGTGAAC  
 TTTCCAGGAGGAGTGGTGTCTTCTTAGTGAGGCTCAGAGGTGCTTGTACCGTGATGTGA  
 TGCTAGAGAACCTGGCTCTCATATCCTCGCTGGGTTGTTGGTGTGGATCAAAGATGAGG  
 AGGCACCTTGTAAGCAGAGAATTTCTGTACAAAGAGAGTCTCAGAGCAGGACTCCTAGGG  
 CAGGTGTTTCTCCTAAGAAGGCTCACCCCTGTGAAATGTGTGGCCTCATCTTGGAGGATG  
 TTTTCTACTTTGCTGACCACCAGGAACTCATCACAAGCAGAAGTGAACAGGAGTGGAG  
 CATGTGAAAAAACTTGGATGACTGACATACCTTCATCAGCACCAGAAGCAGCATATTG  
 GAGAGAAATTTACAGANAGAGTGCAGAGAAGCATCGTTTGTAAAGAACCGTAGCTCAGG  
 GTGTCCAGGAGCCATNTGCTTCCGCGNAGTTGGAAGGACGTTCTGCCAGTTCAGGATT  
 GTGCCAAGAAGAAGCTGTGTANAGAGACAGACAGTGAACCTATGCATGGGCCATCCTT  
 TCNAGAGNNAAACTATTAACAGNNTGTGGNAAACGCNACAAAAGCCTTCAGCACCAAA  
 CACTTCAGTTATCCACCACCANNACTNTCACTANAGAAGGNATGNTATGTGTGCANTGA  
 TTA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_032828 unedited  
 AGAGCACTGGAGNAGGGGCTCACAGTGGCATGCCCACTCCGGGTCTCTGTTTCAGGCAA  
 CAGCTATGACCGCGCCCAATCTAGAGTCGAGTCTTTTTTTTTTTTTTTTTTTGTAGAGAG  
 GAGGTCTGGCCATGTTGCCAGGCTGATCTCAAACCTCGCCTCCAATGAACCACCTTG  
 TCTCCCAAAGCATCAGGTTTACAAGCCTGAGCCACCATGCCTGGGTGAGCATGTCATAT  
 TCTAAGCAATTCGAAAAGAAATGAAGGCCAAGTGCAAAGGCTCATGCCTGTAATTTTCATCA  
 CTTTGGGAGTCAAGGTGGGTGGCTCACTTAAGGTGAGNGTCCGNCCCCACCCACGCCGT  
 ACTGGNAAAACCCCCCGCGGGGGGNGCCNNCCCTTGTGCCCGTGTGGGTGCTCTCT  
 CCCGCCCCCCCCGNNGGCCCCCTTGGGCCGTTNGGCTCCTNGGGGCCCTGTGTGGCGCTT  
 TCCNTTCTCCCTGCCNNGTGGNNNTTNTTCCCTGCCCGGCGNGTCTTTTCCCCC  
 CGTTTTCCGCTGGNCCCCCCCCCTTGGCTCCCCCTGTCTCCCCGCTTGGCGGGC  
 CNGGGCCCGGTGGCCCGCCNNGTCCNNCNTTNGGGCCCCCCCCCCCCCTGNCGNCCC  
 TCCGGCCCGCTTNTTCCCGTCCNCCCAGGCTTGGCGCCCCCGCGNNNTCCCGC  
 TGCCGGCGGGCCGCGGGCCGGGCTCGCCCGCCCGNNGCCCCGNNNTCCCGCGGCC  
 GNNTGCCCGCACNNGGCTTNNCTNGCGCGCCNNGNCCCCCGNNGTGGCGNCCCCCN  
 CCCNACCCCCAAAGAAAGAAAAA

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_032828

**Insert Size:**

3700 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\\_032828.1](#), [NP\\_116217.1](#)

**RefSeq Size:** 3554 bp

**RefSeq ORF:** 1728 bp

**Locus ID:** 84914

**UniProt ID:** [Q96SQ5](#)

**Cytogenetics:** 19q13.43

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer 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.