

## Product datasheet for **SC337427**

### ZNF227 (NM\_001289173) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF227 (NM_001289173) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF227
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001289173, the custom clone sequence may differ by one or more nucleotides

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ATGCCATCTCAGAACTATGACCTTCCCCAGAAGAAGCAGGAGAAAATGACCAAGTTTCAGGAGGCTGTGA
CATTCAAGGATGTGGCTGTGGTCTTCTCCAGGGAGGAAGTGCAGTCTCGATCTTACCCAGAGGAAGT
GTACCGAGATGTCATGGTGGAGAACTTCAAGAACCTGGTTGCAGTGGGCAGCAAGCATCAAATAAGATG
GAAACTCCAAAAATTTGCATTAATAACCTTTCAAATCAAGAGCTGTCTGCTGGCAAATCTGGAAAC
AGGTTGCAAGTGAATTAACCAGGTGTCTTCAGGGGAAGAGTTCCAGTTATTACAAGGTGACTCTATTCA
GGTTTCTGAAAATGAGAACAATAATGAACCCTAAAGGAGATAGCTCTATTTATATTGAAAATCAAGAG
TTTCCATTTTGGAGAACCAGCATTCTTGCAGGAATACATATCTGAGTGAGTCACAGATTCAGAGTAGAG
GTAAGCAAATTGATGTGAAAATAACCTGCAAATACATGAAGACTTCATGAAGAAATCACCATTTTCATGA
GCATATTAATAACTGACACAGAACCAAACCTGCAAAGGTAATGAATATGGCAAATCATTAGTGATGGC
TCCAATCAGAAATACCCTTAGGAGAGAAAACCCATCCATGTGGTGAGTGTGGAAGGGGCTTCAGTTATA
GCCAAGGCTTCCCCTTCATCCGAATGTTACATACAGGAGAAAAATGCTTCAGTCAAAGCTCACATCTGCG
AACTCATCAGAGAATTCACCAGGAGAGAACTCAATAGATGTCATGAATCTGGTGATTGCTTCAATAAG
AGCTCTTTTCATTCTTATCAATCTAATCATACAGGAGAGAAGTCTTATAGATGCGACAGTTGCGCAAGG
GATTGAGTACGAGCAGCGGTCTTATCATTACAGAACTCATACTGGAGAGAAACCCTATAAATGCGA
GGAATGTGGTAAATGCTTTAGTCAAAGTTCAAATTTTCAGTGCCATCAGAGAGTCCACACTGAAGAAAAA
CCATACAAATGCGAAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTAATCTCCGTGTTACCAGAGGGTCC
ACAGGGGTGAGAAGCCCTATAAATGTGAGGAATGTGGTAAGGGCTTCACTCAGGCTGCACATTTTCACAT
CCATCAGAGAGTCCACACTGGAGAGAAAACCTACAAGTGTGATGTGTGGTAAGGGCTTCAGCCACAAT
TCACCATTAATATGCCATCGGAGAGTCCACACAGGAGAGAAGCCATACAAGTGTGAGCGGTGTGGAAAG
GCTTTACCCGTAATACAGATCTGCATATTCATTTTCAGAGTTCACACGGGAGAGAAAACCTATAAATGTAA
GGAGTGTGGTAAGGGCTTCAGTCAAGCTTCAAATCTTCAAGTCCATCAGAATGTCCACACTGGGGAGAAA
CGATTCAAGTGTGAAACGTGTGGGAAGGGCTTCAGTCAAGTCTCAAAGCTTCAAACCCATCAGCGAGTCC
ACACTGGAGAGAAAACCATATAGATGTGATGTGTGGTAAGGACTTCAGTTATAGTTCAAATCTTAAACT
ACACCAAGTAATTCACACTGGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGGGCTTCAGTTGGAGA
TCAAATCTTCATGCACATCAAAGAGTTCACACTCAGGAGAAAAACCCATAAATGTGAGCAGTGTGATAAGA
GCTTCAGTCAAGCCATAGATTTTCGGGTACATCAGAGAGTCCATACTGGAGAGAAGCCATACAAATGTGG
TGCTGTGGTAAGGGCTTCAGTCAAGCTTCAAATCCCATCAGAGAGTCCACACGGGGGAAAAAG
CCATACAAATGTGATGTGTGGAAAGGGCTTTAGATACAGTTCCGAGTTTATATACCATCAGAGAGGCC
ACACTGGAGAAAAACCTTACAAATGTGAAGAGTGTGGGAAGGGCTTTGGTAGGAGCTTGAATCTTCGCCA
TCATCAGAGGGTCCACACGGGAGAGAAAACCCATATATGTGAGGAGTGTGGTAAGGCCTTCAGTCTCCCC
TCAAATCTTCAGTCCACCTGGGTGTTACACACAGGAAAAACTCTTAAATGTGAAGAGTGTGGTAAAG
GCTTCAGTCAAGTGCACGTCTTGAAGCCATCAGAGAGTCCACACTGGAGAAAAACCATACAAATGTGA
CATATGTGATAAGGACTTCGGTCAAGCTTCAAGTCTTACATATCATCAGAAAGTCCATACTGGTAAAAAG
CTTAG
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001289173

**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\\_001289173.1](#), [NP\\_001276102.1](#)

**RefSeq Size:** 3010 bp

**RefSeq ORF:** 2316 bp

**Locus ID:** 7770

**Cytogenetics:** 19q13.31

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (9) differs in its 5' UTR, and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (e) is shorter, compared to isoform a.