

## Product datasheet for **SC337361**

### ZNF227 (NM\_001289168) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF227 (NM_001289168) 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\_001289168, the custom clone sequence may differ by one or more nucleotides

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ATGGTGGAGAACTCAAGAACCTGGTTGCAGTGGGGCATCTTCCCTTCCAACCAGATATGGTATCCCAAT
TGGAAAGCAGAAGAAAAGCTTTGGATGATGGAAACAGAAACCCAAAGAAGCAGCAAGCATCAAAATAAGAT
GGAAACACTCCAAAAATTTGCATTAATAAACCTTTCAAATCAAGAGCTGCCTGCTGGCAAATCTGGAAA
CAGGTTGCAAGTGAATTAACCAGGTGTCTTCAGGGGAAGAGTTCCAGTTATTACAAGGTACTCTATTC
AGGTTTCTGAAAAATGAGAACAATAATGAACCTAAAGGAGATAGCTCTATTTATATTGAAAATCAAGA
GTTTCCATTTTGGAGAACCAGCATTCTTGCGGGAATACATATCTGAGTGAGTCACAGATTCAGAGTAGA
GGTAAGCAAATGATGTGAAAAATAACCTGCAAAATACATGAAGACTTCATGAAGAAATCACCATTTTCATG
AGCATATTAATACTGACACAGAACCAAAACCTGCAAAGGTAATGAATATGGCAAATCATTAGTGATGG
CTCCAATCAGAAATTACCCTTAGGAGAGAAACCCATCCATGTGGTGAGTGGAAGGGGCTTCAGTTAT
AGCCCAAGGCTTCCCCTTCATCCGAATGTTACATACAGGAGAAAAATGCTTCAGTCAAAGCTCACATCTGC
GAACTCATCAGAGAATTCACCCAGGAGAGAAACTCAATAGATGCATGAATCTGGTGATTGCTTCAATAA
GAGCTCTTTTCATTCTTATCAATCTAATCATACAGGAGAGAAGTCTTATAGATGCCACAGTTGCGGCAAG
GGATTCAGTAGCAGCACGGGTCTTATCATTTCATTACAGAATCATACTGGAGAGAAAACCTATAAATGCG
AGGAATGTGGTAAATGCTTTAGTCAAAGTTCAAATTTTCAGTGCCATCAGAGAGTCCACACTGAAGAAAA
ACCATACAAATGCGAAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTAAATCTCCGTGTTACCAGAGGGTC
CACAGGGGTGAGAAGCCCTATAAATGTGAGGAATGTGGTAAGGGCTTCACTCAGGCTGCACATTTTACA
TCCATCAGAGAGTCCACACTGGAGAGAAACCTACAAGTGTGATGTGTGGTAAGGGCTTCAGCCACAA
TTCACCATTAATATGCCATCGGAGAGTCCACACAGGAGAGAAGCCATACAAGTGTGAGGCGTGTGGGAAA
GGCTTTACCCGTAATACAGATCTGCATATTCATTTTCAGAGTTCACACGGGAGAGAAAACCTATAAATGTA
AGGAGTGTGGTAAGGGCTTCAGTCAAGGCTTCAAATCTTCAAGTCCATCAGAATGTCCACACTGGGGAGAA
ACGATTCAAGTGTGAAACGTGTGGGAAGGGCTTCAGTCACTCCTCAAAGCTTCAAACCCATCAGCGAGTC
CACACTGGAGAGAAAACCATATAGATGTGATGTGTGGTAAGGACTTCAGTTATAGTTCAAATCTTAAAC
TACACCAAGTAATTCACACTGGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGGGCTTCAGTTGGAG
ATCAAATCTTCATGCACATCAAAGAGTTCACACTCAGGAGAAAAACCTATAAATGTGAGCAGTGTGATAAG
AGCTTCAGTCAAGCCATAGATTTTCGGGTACATCAGAGAGTCCATACTGGAGAGAAAGCCATACAAATGTG
GTGTCTGTGGTAAGGGCTTCAGTCACTCCTCTGGTCTTCAATCCCATCAGAGAGTCCACACGGGGGAAAA
GCCATACAAATGTGATGTGTGTGGAAAGGGCTTTAGATACAGTTCGCAGTTTATATACCATCAGAGAGGC
CACACTGGAGAAAAACCTTCAAATGTGAAGAGTGTGGGAAAGGCTTTGGTAGGAGCTTGAATCTTCGCC
ATCATCAGAGGGTCCACACGGGAGAGAAAACCCATATATGTGAGGAGTGTGGTAAGGGCTTCAGTCTCCC
CTCAAATCTTCGAGTCCACCTGGGTGTTACACCAGGGAAAAACTCTTTAAATGTGAAGAGTGTGGTAAA
GGCTTCAGTCAAGTGCACGTCTTGAAGCCATCAGAGAGTCCACACTGGAGAAAAACCATACAAATGTG
ACATATGTGATAAGGACTTCCGTACCCTTCACGTCTTACATATCATCAGAAAGTCCATACTGGTAAAAA
GCTTTAG
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001289168

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001289168.1</a></u> , <u><a href="#">NP_001276097.1</a></u>
<b>RefSeq Size:</b>	3011 bp
<b>RefSeq ORF:</b>	2247 bp
<b>Locus ID:</b>	7770
<b>UniProt ID:</b>	<u><a href="#">Q86WZ6</a></u>
<b>Cytogenetics:</b>	19q13.31
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in its 5' UTR, and uses a downstream start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a. Variants 3, 4, and 5 encode the same isoform.