

Product datasheet for **SC107397**

ZNF227 (NM_182490) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF227
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_182490, the custom clone sequence may differ by one or more nucleotides

```
ATGCCATCTCAGAACTATGACCTTCCCAGAAGAAGCAGGAGAAAATGACCAAGTTTCAGGAGGCTGTGA
CATTCAAGGATGTGGCTGTGGTCTTCTCCAGGGAGGAAGTGCAGTGTCTCGATCTTACCCAGAGGAAGCT
GTACCGAGATGTATGGTGGAGAATTCAAGAACCTGGTTGCAGTGGGCATCTTCCCTTCCAACCATGAT
ATGGTATCCCAATTGGAAGCAGAAGAAAAGCTTTGGATGATGGAACAGAAACCCAAAGAAGCAGCAAGC
ATCAAAATAAGATGGAACACTCCAAAAATTTGCATTAATAACCTTTCAAATCAAGAGCTGCTCTGCTG
GCAAACTCTGGAACAGGTTGCAAGTGAATTAACAGGTGTCTTCAGGGGAAGAGTTCACAGTTATTACAA
GGTGACTCTATTGAGTTTCTGAAAATGAGAACATATAATGAACCTAAAGGAGATAGCTCTATTTATA
TTGAAAATCAAGAGTTTCCATTTTGGAGAACCAGCATTCTTGCAGGAATACATATCTGAGTGAGTCACA
GATTGAGAGTAGAGGTAAGCAAATTTGATGTGAAAAATAACCTGCAATACATGAAGACTTCATGAAGAAA
TCACCATTTTATGAGCATATTAATACTGACACAGAACCAAAACCTGCAAGGTAATGAATATGGCAAAA
TCATTAGTGATGGCTCCAACAGAAATACCTTAGGAGAGAAACCCATCCATGTGGTGAGTGTTGAAG
GGGCTTCAGTTATAGCCCAAGGCTTCCCCTTCATCCGAATGTTACACAGGAGAAAAATGCTTCAGTCAA
AGCTCACATCTGCGAACTCATCAGAGAATTCACCCAGGAGAGAACTCAATAGATGTGATGAATCTGGTG
ATTGCTTCAATAAGAGCTCTTTTCTTCTATCAATCTAATCATACAGGAGAGAAAGTCTTATAGATGCGA
CAGTTGCGGCAAGGATTGAGTACGACGACGGGCTTATCATTATTACAGAACTCATACTGGAGAGAAA
CCCTATAAATGCGAGGAATGTGGTAAATGCTTTAGTCAAAGTTCAAATTTTCAGTGCCATCAGAGAGTCC
ACACTGAAGAAAAACCATACAAATGCGAAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTTAATCTCCGTGT
TCACAGAGGGTCCACAGGGGTGAGAAGCCCTATAAATGTGAGGAATGTGGTAAGGGCTTCACTCAGGCT
GCACATTTTACATCCATCAGAGAGTCCACACTGGAGAGAAACCTACAAGTGATGTGTGTGGTAAGG
GCTTCAGCCACAATTACCATTAATATGCCATCGGAGAGTCCACACAGGAGAGAAGCCATACAAGTGTA
GGCGTGTGGGAAAGGCTTACCCGTAATACAGATCTGCATATTCTTTCAGAGTTTACACGGGAGAGAAA
CCCTATAAATGTAAGGAGTGTGGTAAGGGCTTCAGTCAGGCTTCAAATCTTCAAGTCCATCAGAATGTCC
ACACTGGGAGAGAACGATTCAAGTGTAACGTGTGGGAAGGGCTTCAGTCAGTCTCAAAGCTTCAAAC
CCATCAGCGAGTCCACACTGGAGAGAAACCATATAGATGTGATGTGTGTGGTAAGGACTTCAGTTATAGT
TCAAATCTTAACTACACCAAGTAATTCACTGAGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGG
GCTTCAGTTGGAGATCAATCTTCTGCACATCAAAGAGTTCACTCAGGAGAAAAACCTATAAATGTGA
GCAGTGTGATAAGAGCTTCAGTCAGGCCATAGATTTTCGGGTACATCAGAGAGTCCATACTGGAGAGAAG
CCATACAAATGTGGTGTCTGTGGTAAGGGCTTCAGTCAGTCTCTGGTCTTCAATCCCATCAGAGAGTCC
ACACGGGGGAAAAGCCATACAAATGTGATGTGTGTGGAAAGGGCTTTAGATACAGTTTCGAGTTTATATA
CCATCAGAGAGGCCACACTGGAGAAAAACCTTACAAATGTGAAGAGTGTGGGAAAGGCTTTGGTAGGAGC
TTGAATCTTCGCCATCATCAGAGGGTCCACACGGGAGAGAAACCCATATATGTGAGGAGTGTGGTAAGG
CCTTCAGTCTCCCCTCAAATCTTCAGAGTCCACCTGGGTGTTACACACAGGGAAGAACTCTTTAAATGTGA
AGAGTGTGGTAAGGCTTCAGTCAGAGTGCACGTCTTGAAGCCATCAGAGAGTCCACACTGGAGAAAAA
CCATACAAATGTGACATATGTGATAAGGACTTCCGTCAACGTTTACGTCTTACATATCATCAGAAAGTCC
ATACTGGTAAAAAGCTTTAG
```

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_182490 unedited TAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGAAGGATTGAGTCATCGG GCTCCAATGCGTGGGGATGTTTACCGCCGTTTATCCGGGATAGAGACTCCATCGTGCTGA CAGCATCCTTTTATTACCGCCTCCGAATTTGCAAAGAGGAGGAAGGAGGACTTCTTGG CTTCTCCCAGCATAGCCCCAGTTATGCCATCTCAGAACTATGACCTTCCCAGAAGAAGC AGGAGAAAAATGACCAAGTTTCAGGAGGCTGTGACATTCAAGGATGTGGCTGTGGTCTTCT CCAGGGAGGAACTGCGACTGCTCGATCTTACCCAGAGGAAGCTGTACCGAGATGTCATGG TGGAGAACTTCAAGAACCTGGTTGCAGTGGGGCATCTTCCCTTCCAACCAGATATGGTAT CCCAATTGGAAGCAGAAGAAAAGCTTTGGATGATGGAACAGAAACCCAAAGAACGAGCA AGCATCAAAATAAGATGGAACACTCCAAAAATTTGCATTAATAACCTTTCAAATCAAG AGCTGTCCTGCTGGCAAATCTGGAACAGGTTGCAAGTGAATTAACCAGGTGTCTTCAGG GGAAGAGTTCCAGTTATTACAAGGTGACTCTATTAGGTTTCTGAAATGAGAACATA TAATGAACCTANAGGAGATAGCTCTATTTATATTGAAATCAAGAGTTTCCATTNTGGA GAACCCAGCATTCTTGCAGGAATACATATCTGAGTGAGTCACAGATTGAGAGTATAGAGGTA AGCANATTGATGTGAAAAATACCTGCAAAATACATGAGACTCATGAAGAAATCACCATTCA TGAGCATATTANACTGCACAGAACCAACCTGCAAAGTATGATATGGCAATCTTATGAT GCTCCCAGAAATACCTAGAGAGAACCCATCTGTGTGATGTGAAGGGCTCATTACCC
Restriction Sites:	NotI-NotI
ACCN:	NM_182490
Insert Size:	2550 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_182490.1 , NP_872296.1
RefSeq Size:	3075 bp
RefSeq ORF:	2400 bp
Locus ID:	7770
UniProt ID:	Q86WZ6

Cytogenetics: 19q13.31

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (α).