

Product datasheet for **SC112846**

ZNF277 (NM_021994) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF277 (NM_021994) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF277
Synonyms:	NRIF4; ZNF277P
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021994, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCTTCCAAGACCCAGGGGGCTGTCGCCGAATGCAGGAAGACCGTGATGGGAGCTGCAGCACAG
TCGGGGGTGTAGGTTATGGGGACAGTAAGGATTGTATCCTGGAGCCGCTTCCCTGCCAGAAAGTCCAGG
TGGCACCACCACTTTAGAAGTTCTCCATCTGTGCCTTGATTTTCTGTGAAGAACATTTTCTGTGGCT
GAACAAGACAACTTCTGAAGCACATGATTATTGAGCATAAGATTGTCATAGCTGATGTCAAGTTGGTTG
CTGATTTCAAAGGTACATTTTATATTGGAGGAAAAGTTCACTGAACAGCCCATCACAGATTTTGTAG
TGTAAATAAGAATTAATCCACTGCTCCATTTGAAGAACAAGAGAATTATTTTTTGTATGTGACGTTTTA
CCAGAAGATAGAATTCTTAGAGAAGAGCTTCAGAAACAGAGACTGAGAGAAATCTGGAACAACAGCAGC
AAGAACGAAATGATACCAATTTTCATGGCGTTTGTATGTTTTGCAATGAAGAATTCCTTGGAACAGATC
TGTTATTTTGAACCACATGGCCAGAGAATGCTTTCAACATTGGATTGCCAGACAACATTGTAAGTGC
AATGAATTTTTGTGTACATTACAGAAAAAGCTTGACAATTTGCAGTGCTTGTACTGTGAGAAGACCTTCA
GGGACAAAAATACACTTAAAGATCACATGAGGAAAAACAGCATCGTAAGATTAATCCTAAGAACAGAGA
ATATGACAGATTTTATGTCATCAATTTTGGAACTTGGAAAAATCGTGGGAAGAAGTTCAAGTTGGAAGAT
GATCGGGAGTTGCTGGACCATCAGGAAGATGACTGGTCTGATTGGGAAGAACACCCTGCCTCTGCAGTCT
GCTTATTTTGTGAAAAGCAAGCAGAAACAATTGAGAAGTTGTATGTCACATGGAGGATGCACACGAATT
TGATCTTCTCAAATAAAGTCAGAACTTGGATTAATTTTCTATCAGCAAGTGAAGTGAAGTGAAGTGAAGT
CGGAGGCAAGTTCACCAATGCAGATGTTATGGCTGCCATGTGAAGTTCAAATCCAAAGCAGACTTAAGAA
CTCACATGGAAGAACTAAACACACTTCGCTGCTCCCGATAGAAAGACGTGGGATCAACTGGAGTATTA
TTTTCCAACCTATGAAAATGACACTCTCCTGTGTACACTATCTGACAGTGAAGTGAAGTGAAGTGAAGT
GAACAAAATGAAAATGTTCCCATCATCAGTGAAGATACATCTAAACTGTATGCTTTGAAACAAAGCAGTA
TTTTGAACCAGTTGCTACTATAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021994 unedited
 GGTTCAGATTTGTATACGACTACTATAGGCGGCCGCAATTCGCACGAGGCTCGTGC
 CGAATTCGGCAGCAGGCTGCTTCCAGACCCAGGGGCTGTCGCCCGAATGCAGGAAGACCG
 TGATGGGAGCTGCAGCACAGTCGGGGGTAGGTTATGGGGACAGTAAGGATTGTATCCT
 GGAGCCGCTTCCCTGCCAGAAAGTCCAGGTGGCACCACACTTAGAAGTTCTCCATC
 TGTGCCTTGTATTTCTGTGAAGAACATTTCTGTGGCTGAACAAGACAACTTCTGAA
 GCACATGATTATTGAGCATAAGATTGTCATAGCTGATGTTAAGTTGGTTGCTGATTCCA
 AAGGTACATTTTATATTGGAGGAAAAGGTTCACTGAACAGCCCATCACAGATTTTGTAG
 TGTAAATAAGAATTAATTCCACTGCTCCATTTGAAGAACAAGAGAATTATTTTTTTGTATG
 TGACGTTTTACCAGAAGATAGAATTCCTAGAGAAGAGCTTCAGAAAACAGAGACTGAGAGA
 AATTCTGGAACAACAGCAGCAAGAACGAAATGATACCAATTTTCATGGCGTTTGTATGTT
 TTGCAATGAAGAATTCCTTGGAAACAGATCTGTTATTTTGAACCACATGGCCAGAGAACA
 TGCTTTCAACATTGGATTGCCAGACAACATTGAAACTGCAATGAATTTTGTGTACATT
 ACAGAAAAAGCTTGACAATTTGCAGTGCCTTGTACTGTGANGAAGACCTTTCAGGCACAN
 AAATACACTTCAAAGATCACATGAGGAAAAACAGCATCGTAAGATTAATCCTAGCACCA
 GAAATTTGACAGATTTCTGTCAATTTTGGACCTGGAAAATCTGGGAAGAAGTTAA
 TTGAAAGAGATA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_021994 unedited
 TGGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTATAATTACGAGTT
 TAATGAAGTGAGATAATTAAGATGATCACACAATAAACTTTACAGCCAAAATACAAAG
 TCTTCATCTTATTTTCTACTTCATTTTTTTTCATGTTCTTAGTAAGTGCATTTTCTAC
 TTTATTTTTTGAAGAAGAACATTCATTTTTGAAAAGTTTATTTACCAAGGACCAATCTTT
 TGTTGATGTTCAAATTTAAATTGTTCTTTTCATATCTGTCTCATAGGAGAAAACATGAAA
 AATTGCTTCTGTGGTAGTTTCTTCTAGGTTTTCAAGTACTCTTATAGTAGCAACTGGTTC
 AAAACTGCTTTGTTTCAAAGCATACAGTTTAGATGTATCTTCACTGATGATGGGAACA
 TTTTCATTTTGTCTGAGCTGTCAGGTCACTTCACTGTGATAGTGTACACAGGAGA
 GTGTCATTTTCATAGGTTGGAATAATACTCCAGTTGATCCCACGTCTTTCTATCGGGG
 AGCAGCGAAGTGTGTTTAGTTTCTTCCATGTGAGTCTTAAGTCTGCTTTGGATTGAAC
 TTACATGGCAGCCATAACATCTGCATTGGTGAACCTGCCTCCGAATAAATTGACCAGTTT
 CACTTGTGATAGAAANTAATCCAAGTTCTGACTNTATTTTGAAGAATCAATTCGTGTG
 CATCCTNCATGTGGACATACNNACTCTCAATTGTTTCTGCTTGTCTTTACANATAAGCAG
 CTGCGAGGCCCGGTGGTTCTTCCATCAGACAGTCTTCTTCTGGATGTCAGCACTTCCGA
 NATTTTCACTGAATTTTCCAAGATTTTCAAGTCATAAATGAGACTAACTGCATATTCC
 TGTCTAGATATCTACAAGCGGTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_021994

Insert Size:

1750 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_021994.1](#), [NP_068834.1](#)

RefSeq Size: 2687 bp

RefSeq ORF: 1317 bp

Locus ID: 11179

UniProt ID: [Q9NRM2](#)

Cytogenetics: 7q31.1

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]