

Product datasheet for **SC107529**

ZNF677 (NM_182609) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF677 (NM_182609) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF677
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_182609, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCTTTCTCAGGGACTGTTTACATTCAAGGATGTGGCCATAGAATTCTCTCAAGAGGAGTGGGAGT
GCCTGGACCTGCCAGAGGGCCTTGACAGGGACGTGATGTTGGAGAACTACAGGAACCTGCTTTCTCT
CGATGAGGATAACATCCCTCCAGAAGATGATATTTCTGTTGGATTACAAGCAAGGGATTATCACCAAAG
GAAAAATAAAGAGGAATTATACCATCTGGTGATATTAGAAAAGAAAGGAAAGCCATGGCATCAACAATT
TTGACCTCAAGGAAGTCTGGGAAAAATATGCCTAAGTTTGACAGCCTGTGGGACTATGATGTAAAAATTA
CAAAGGAATGCCTTTGACCTGTAACAAAAATCTCACTCACAGAAAAGATCAACAACATAATAAATCCTCA
ATACATTTCTCTTTAAAGCAGAGTGTCTATAAGAGATAGTGCACACCAGTATTTTCATCCATGACAAGC
CATTTATAAGGAATTTGTTAAACTGAAAAATAACATAAGGTATGCCGAAAAACAATACGTGAAGTGTTC
TGAAAAATAAATTTGGATTAAGCTTACAGGCACAGCTGGCTGAACTACAGAGATTTCAAACCTGGGAGAAA
ATGTATGAATGTAATCCAGTTGAGAAGTCTATCAATAGTTCCTCAGTTTACCACCTTCTCTTGTGTCA
AAAACATTTGTAATAAATATAGGAAGATTTTGAATACCTTTTATTACATACACAGTATGGGAGAACACA
CATTAGAGAAAAATCATACAAGTGAATGACTGTGGAAAGGCTTTTAGCAAAAAGTTGCAACCTCACTAAT
CATCAGAGAATTCACCTCTGGACAGAGACCTTACAATGTAAACGAGTGTGGCAAAGCCTTTAACAGTGT
CGAACCTCACTAGGCATCAGAGAGTCCATACAGGAGAGAAACCATATCAATGTAATATATGTGGCAAGGT
CTGTAGTCAAAATTCAAATCTTGCAAGTCATCAGAGGATGCATACTGGAGAGAAACCTTACAATGTAAT
GAATGTGGTAAGGCATTTATCCAGCGTTTACACCTTTGGGGTCATGAAAGAATTCATACTGGAGAGAAAC
CTTACAATGTAATGAATGTGACAAAGCCTTTGCTGAACGTTCAAGCCTTACCAACATAAGAGAATCCA
TACTGGAGAGAAGCCTTACATATGTAATGAGTGTGGCAAAGCTTTAAGCAGTGCACATCTCACTAGG
CATCAGAATATACATCCTGGAGAGAAACACAAAATGTAATGTGTGTGGCAGGGCTTTTATCCAAAGTT
CAAGTCTTGTGGAAACATCAGAGAATTCACACTGGAGAAAAACCTTACAATGTAATAAATGTGATAAAGC
TTTTATCAAACGTTTACACCTTTGGGGTCATCAGAGAACTCATACTGGAGAGAAACCTTACAATGTACT
GAATGTGGCAAAGCCTTTACTGAACGTTCAAATCTTACTCAGCATAAGAAAAATCCATACTGGAGAGAAAC
CTTACAATGTACTGAATGTGGCAAAGCCTTTTACCAATTTGCAAACCTCACTAGACACCAGAAAAATACA
CATTGAAAAGAAACATTGTAACATAATATACATGGTAATGCTTTATTCCAAAGTTCAAACCTTGGAGAT
CATCAAAAAGTTATAATAGAGAAAAACATATCAATATAATGAGACAAAAATTAAGTATTCAAGCTGTA
CCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_182609 unedited

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CAGAAATTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGTCTCGGCC
ACACAATATGACCTCGGGGAGGATGCGAGGAAGATGAACTGTGATGATCCACTTCTTCTT
AATGAATGACTGACTTACCTGAGAAAGAACTCAGAGGAAGAGGAAAGAAAGAAGAGGAG
GGAATGGCTCTTTCTCAGGGACTGTTTACATTCAAGGATGTGGCCATAGAATTCTCTCAA
GAGGAGTGGGAGTGCCTGGACCCTGCCAGAGGGCCTTGACAGGGACGTGATGTTGGAG
AACTACAGGAACCTGCTTTCTCTCGATGAGGATAACATCCCTCCAGAAGATGATATTTCT
GTTGGATTACAAGCAAGGGATTATCACCAAAGGAAAAATAATAAAGAGGAATTATACCAT
CTGGTGATATTAGAAAAGAAAGGAAAGCCATGGCATCAACAATTTTGACCTCAAGGAAGTC
TGGGAAAAATATGCCTAAGTTTGACAGCCTGTGGGACTATGATGTAAAAATTTACAAGGA
ATGCCTTTGACCTGTAACAAAAATCTCACTCACAGAAAAGATCAACAACATAATAAATCC
TCAATACATTTCTCTTTAAAGCAGAGTGTCTATAAGAGATAGTGCACACCAGTATTTTC
ATCCATGACAAGCCATTTATAAGGAATTTGTTAAACTGAAAAATAACATAAGGTATGCC
GGAAACAAATACGTGAAGTGTGTTGAAAAATAAATNGNATTAAGCTTACAGGCACAGCTG
GCTGAACTACAGAGATTTCAAACCTGGNGAGAAAATGTATGAATGTAATCCAGTTGAGAAG
CTATCAATAGTTCTCAGTTTACACTTNCNTTGTGTCAAAAACATTTGTATAAATATA
NGAAGATTTGAAATACCCTTATTAATACACATATGGGAGAACACACTTGNAAAAATCTAC
AGTGTATGACTGTGNAAGGCTTTAC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_182609 unedited AACTTTGNACCGCGCCGCTATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTCAGGGTTA CTAAAAATGATTATTTTTACTAATTAAGACATAAGAAGTATAATATTTCTAAATAAAA TGGTATCAAATGCAATCTCAGGGGCCAAATGTGAATCCCCTATAAGAACACTACTCTGGT TCTTTTGGTGAAGTGCCTCTATGGTAACCATTCTCTTTCAGTTTCCAAAAATAAGAC CTATCTATGTTCAATAATCTGTGATATGCAACAGTAACCTTTCAAGAGAGGGTGACT ATCATCCCCCTCCATTTCTTTCTACCACATATGCAGTCTCTAGTAACCGACCATTTCAC TTCCATGAAAATCTCTCAATGTCCACCCTACTTCTTGTTCATGGTCATCTTGACT GTAACCAATCTCTCTATAATCGACAAAGGTCCCCAGTCACATCAACAATTCTAAGGGGT CCTGACCACATAAAGCATATATGTTAGACAATAGTTTTACCTCTTCTGGCACAAACCC CCATGCTCTTATAGTATATTGTATATTAGTGTCTTGGCTGGGCACGGTGGCTCATGCCT GTAATCCCAGCACTTTGGGAGGCCAAGGCAGGTGGATCACCTGAGGTGAGGAGTTCAAGA TCAGCCTGGCCAACATGGCGAACTCTGTCTCTACTAANAATACCAAAACAAAANAACAA AAACTAGCCAGGCATGATGGCGCATGCCTGTAATCCCAGCTACTCGTGAAGCTGANGCAG GAGAATTGCTTTGACCCGGGAGACAAAGTTGCANTGAGCTGAAATGGTGCCACTGCACTC CAGCCCGGGTGACAGAGCAGGATCTGTCTCCAAAAAAAAAAAAAAAAAATTGTTCTNTGCTTT TTCCAGTTTNCAGTATATAAAGAAGCCACCTAAGAAGTAGTCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_182609
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:	<ol style="list-style-type: none"> 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_182609.1 , NP_872415.1
RefSeq Size:	3510 bp
RefSeq ORF:	1755 bp
Locus ID:	342926
UniProt ID:	Q86XU0
Cytogenetics:	19q13.42
Protein Families:	Transcription Factors

Gene Summary:

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

Transcript Variant: This variant (2) uses an alternate 5' terminal exon, which results in a different 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.