

Product datasheet for **SC103991**

ZNF577 (NM_032679) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF577 (NM_032679) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF577
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032679, the custom clone sequence may differ by one or more nucleotides

ATGAAAAATGCCACGATTGTAATGTCTGTGAGGAGAGAGCAAGGCAGTTCTTCAGGGGAGGGGTCATTGT
 CATTGCAAGATGTGGCTGTGGGCTTCACCAGGGAGGAGTGGCAGTTTTTGGACAGTCTCAGAAGGTCTT
 GTACAAGGAAGTAATGTTGGAGAACTACATCAACCTAGTATCAATAGGTATCGAGGCACCAAGCCAGAT
 TCGCTCTTCAAGTTGGAGCAAGGAGAACCCCAAGGATAGCAGAAGGAGCAGCCACAGTCAAATCTGTC
 CAGGTTTTGTAATCCAGAGTAGAAGATATGCAGGAAAAGATTCTGATGCATTTGGTGGATATGGGAGATC
 ATGCCTCCATATCAAGCGTGACAAAACCTTACTGGAGTTAAATACCATAGATGTGTTAAACCCAGCAGC
 CCTAAATCACAGCTCAATGACCTACAAAAATTTGTGCAGGAGGGAAACCACATGAATGCAGTGTGTGCG
 GGAGAGCCTTCTCCAGGAAAGCACAGCTTATTCAACATCAGAGAACTGAAAGAGGAGAGAAAACCCATGG
 ATGTGGTGAATGTGGGAAAACATTCATGAGGAAGATTCAGCTCACTGAGCATCAGAGAACTCACACAGGA
 GAGAAGCCCCATGAATGTAGTGAATGTGGAAAAGCCTTCTCCAGAAAGTCACAGCTCATGGTCCATCAGA
 GAACCCATACAGGAGAGAAAACCTACAGATGCAGCAATGCGGAAAAGCCTTCAGCCGGAAGTGCCGGCT
 CAATAGACATCAGCGATCACATACTGGAGAGAACTCTATGGGTGCAGTGTGTGTGGGAAAAGCCTTTTCT
 CAGAAGGCATACCTCACTGCACACCAGAGACTTCACACAGGAGATAAGCCTTATAATGCAGTGATTGTG
 GAAGAACCTTCTATTTTAAAGTCAGACCTGACCAGACATCAGAGGATTCATACGGGAGAGAAAACCTTATGA
 ATGTAGTGAGTGTGAAAAGCCTTTAGAAGCAAGTCGAAGCTCATTGAGCATCAGCGTACTCACACTGGA
 GAGAGACCATATTCATGCAGAGAAATGTGGCAAAGCCTTTGCCCATGTCAGTCCTCATTAAACATGAGA
 AAACCTCACATAAGAGAGACAGCCATAAATTCAGTGACGGTGGAGAAACCTTCCTCAAGGAGTCATACCTC
 CTTATACATGAGCGAACTCATACAAGAGCAAAAGACTGTGAACACAGTACCTATAGAAATGCCTTCTCTCA
 GGAACCCCGCCATTGTTAAACAAGAGTGAGCGCTAGTGGGCAGAAATGTAGTGATTGTGGAACAACCTT
 TTCCAAGAAATCAAGCCTTTGTAGTTAATCAGGAATTTGAACAGAGAATAAGCCTCACAAATGAAGTGAA
 TGTGGCCCCATCAGTAATAAATTATATCTTGTATCTTACAGATATTGTATCAGAATAA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032679 unedited
 TGCACATTTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGGGAGTAAGAAG
 TACCTGCCTCTGCCTCTGACTTGGGTTCTGGCCTATAGGAACAAGACATTTTCAGTAATG
 GAAGAAGGAGCTTCCAGGCTGGGGAAGATCATCTTTCCAGTGGTAGCTTGACCTGAGAT
 GATACCTGACCACCACTTCTGGGAAGGCCAGAATAGACAGAAGAGAGAGAACAATACTAG
 AGTTGCTAGCCCCTAAGAGTTGAACGAAATGGGCAAGGCCAGCTGAAATAACAGGAAAC
 ACATGAAAAATGCCACGATTGTAATGTCTGTGAGGAGAGAGCAAGGCAGTTCTTCAGGGG
 AGGGGTCAATTGTCTTCCGAAGATGTGGCTGTGGGCTTCACCAGGAGGAGTGGCAGTTTT
 TGGACCAGTCTCAGAAGGTCTTGTACAAGGAAGTAATGTTGGAGAACTACATCAACCTAG
 TATCAATAGGGTATCGAGGCACCAAGCCAGATTCGCTCTTCAAGTTGGAGCAAGGAGAAC
 CCCCAGGGATAGCAGAAGGAGCAGCCACAGTCAAATCTGTCCAGGAGGGAAACCACATG
 AATGCAGTGTGTGCGGGAGAGCCTTCTCCAGGAAAGCACAGCTTATTCAACATCAGAGAA
 CTGAAAGAGGAGAGAAACCCCATGGATGTGGTGAATGTGGGAAAACATTCATGAGGAAAG
 ATCAGCTCACTGAGCATCAGAGAACTCACACAGGAGAGAAAGCCCATGAATGTAGTGAAT
 GTGAAAAGCCTTCTCCAGAAAGTCACAGCTCATGGTCCATCAGAGAACCCTACAGGAG
 AGAAACCTACAGATGCAGCANATGCNGAAAAGCCTTNCACCCGAGTGCCTGGCTCATA
 GACATCAGCGATCCATACTGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032679 unedited
 CCGCGGCCGCAATTTAGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTAAACCCCATATTGGGTATATTCATAGGGTTTCATTACATAAAA
 CTATTCCTGGGGTTCAAATTTCTTTAAACACGTCCCTCCAAACTTTTAAACATAAAA
 GTTTGATCCCTGAGTTAATTTGGGGAGTTGCCATCATTTTTTACTTTCAAAGTTTTTTT
 TTTCTACAAATTCTCCATATTTTACAAAAATGTTTTCCATATCCATTGCCTTTACAGG
 TGCTATGTTTTTTTGGCACACGAGGCACAATTTAGCGCTAAAAGCACCATCCCAATCTT
 TCATAAATATTCTGTAAAAATTCTTTGATACCAATTGAGATATCATCTCCAGGTAAAA
 ACTTCCTCATAACAGCTGCTTTTCTACCAACATGATTTCAATGGTGTAAACAGGTTTG
 ACTTCTCAGAGAAATGCTCTCCACAACCACTGCCTCCACAGGTTTCAACCCTAAATGAC
 CTCTCTGGGATATAATGGCTGGAGGATTCTACTAAAGATTTTCCACCTTTCTGGTATC
 AGAAGATTTATTTGATACATTATCTGGAAGATCCAAGATTATTTTATTACTGTGGGGG
 CCCTTCACTTATTTGTGAGGCTTATTCTGTAAATTCCTGATAACTACCAAGGCTTGT
 TTTCTTAAAAAGTGTTCCACAATACTTACTTTTTGCCCACTTGCCTCATTTTGTAA
 CATGGGCGGGGTCCCTAGAAAGCTTTTTTTAGGCCGGGGTCCCAATCTTGTCTCTGAT
 TAAGACCTCTTTTTAAGGAGGTTAACCCTTGAGAAGGTTCTTCCACCGCAAGAAATTT
 ATGCCGGCTCTTAATGGACTTCCCCGTAAAGAGAACCATGGGGCAAGGCTTTAC
 CACTTTTGAGGAAATGGTCTTCTCCGGGAACCC

Restriction Sites:

NotI-NotI

ACCN:

NM_032679

Insert Size:

2320 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:	<u>NM_032679.1, NP_116068.1</u>
RefSeq Size:	3096 bp
RefSeq ORF:	1437 bp
Locus ID:	84765
UniProt ID:	<u>Q9BSK1</u>
Cytogenetics:	19q13.41
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).