

Product datasheet for **SC110269**

ZNF430 (NM_025189) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF430 (NM_025189) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF430
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC110269 sequence for NM_025189 edited (data generated by NextGen Sequencing)

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ATGGAGAACCTGAAGTCTGGAGTGTATCCTCTCAAGGAAGCAAGTGGATGCCCTGGGGCT
GACAGGAATCTTCTGGTGTACTCTTTTATGAAAAGGGGCCATTGACATTTAGGGATGTG
GCCATAGAATTTTCTCTGGAGGAGTGGCAATGCCTGGACACTGCTCAGCAGGATTGTAT
AGAAAAGTGATGTTAGAGAACTACAGAAACCTGGTCTTCTTGGCAGGTATTGCTGTTTCT
AAGCCAGACCTGATCACCTGTCTAGAGCAAGGAAAAGAGCCCTGGAATATGAAGAGACAT
GCGATGGTAGATCAACCCCAAGTTACATATTCTCATTTTGCCCAAGACCTTTGGCCAGAG
CAGGGCATAAAAGATTCTTTCCAAGAAGTCATATTGAGAAGATATGGAATGTGGACAT
GAAGATTTACAGTTAAGAACAGGCTGTAAAAGTGTGGATGAGTGAATCTGCACAAAGAA
TGTTATGATGAATAAACAGTGTGACAACTACCCAGAGTGAAATATTTCAATATGAT
AAATATGTGAATGCTTTTATAAATTTTCAAATCCAAATATACAAAAGATAAGACATACT
GGAAAGAAGCCTTTCAAATGTAAAAATGTGACAAATCGTTTTGCATGCTTTTACACCTA
ACTCAACATAAAAGAATTCATATTAGGGAAAATCTTACCAATGTGAAGAATGTGGTAAA
GTCTTTAACTGGTCTCAACCTTACTAGACACAGAAGAATTCATACTGGAGAGAAACCC
TACAAATGTGAACAATGTGGCAAAGCTTTAAGCAGTCCTCAACCTTACTACACATAAG
ATAATTCATACTGGAGAGAAACCTACAGATGTGAAGAATGTGGCAAACCTTTAACCGG
TCCTCACACCTTACTACACATAAAAGAATTCATACTGGAGAGAAACCTACAGATGTGAA
GAATGTGGCAGAGCTTTTAACCGGTCTCACACCTTACTACACATAAGATTATTCATACT
GGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAACCAATCCTCAACCTT
ACTACACATAAGATAATTCATGCTGGAGAGAAACCTTACAAATGTGAAGAATGTGGCAA
GCTTTTACCGATTCTCATACCTTACTAAACATAAGATAATTCATACTGGAGAGAAATTC
TACAAATGTGAAGAATGTGGCAAAGCTTTAATTGGTCCTCGACCCTTACTAAACATAAA
AGAATTCATACTGGAGAGAAACCTACAAATGTGAACAATGTGGCAAAGCTTTTAAAGAG
TCCTCAAACCTTACTGCACATAAGATAATTCATACTGGAGAGAAACCTACAAATGTGAA
GAATGTGGCAAAGCCTTTAACCGGTCCCAAACTTACTGCACATAAGGTAATTCATTCT
GGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAACCAATCTCAAACCTT
ACTAAACATAAGATAACTCATATTGGAGATACATCTTACAAATACCTAGAATGTGATAAA
GCCTTTAGCCAGTCTTCAACTCTTACTAAACATAAGGTAATTCATACTGGAGAGAAACCC
TACAACTGTGAAGAATACGGCAAAGCTTTCAACCAGTCCTCAAACCTTATTGAACAAAGT
AATTCATACTGGAGAGAAACCTACAAATGTGA

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Clone variation with respect to NM_025189.3

5' Read Nucleotide Sequence: >OriGene 5' read for NM_025189 unedited

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CCGGTGCAGATTTGTATACGATCATATAGGCGGCCGCAATCGGCACGAGGCTGAGCTC
CGGTCTCGTCTTACGCGCTCTGTGCTCTGCTCTAGAGGTCCAGGCTCTGTGGCCCTG
TGACCTGCAGGTATTGGGAGATCTACAGCTAAGACGCCAGGAACCCCTGGAAGCCTAGAA
ATGGAGAACCTGAAGTCTGGAGTGTATCCTCTCAAGGAAGCAAGTGGATGCCCTGGGGCT
GACAGGAATCTTCTGGTGTACTCTTTTATGAAAAGGGGCCATTGACATTTAGGGATGTG
GCCATAGAATTTTCTCTGGAGGAGTGGCAATGCCTGGACACTGCTCAGCAGGATTGTAT
AGAAAAGTGATGTTAGAGAACTACAGAAACCTGGTCTTCTTGGCAGGTATTGCTGTTTCT
AAGCCAGACCTGATCACCTGTCTAGAGCAAGGAAAAGAGCCCTGGAATATGAAGAGACAT
GCGATGGTAGATCAACCCCAAGTTACATATTCTCATTTTGCCCAAGACCTTTGGCCAGAG
CAGGGCATAAAAGATTCTTTCCAAGAAGTCATATTGAGAAGATATGGAATGTGGACAT
GAAGATTTACAGTTAAGAACAGGCTGTAAAAGTGTGGATGAGTGAATCTGCACAAAGAA
TGTTATGATGAATAAACAGTGTGACAACTACCCAGAGTGAAATATTTCAATATGAT
AAATATGTGAATGCTTTTATAAATTTTACATCCTAATATACAAAAGATAAGACATACT
GGTAAGCAGCCTTTACATGTAAACAATGTGACAAATCGTTTTGCATGCTTTTACACCTT
ACTCAACATAAAAGGAGCCATATTAGGGAACAATCTTACCCATGTGAAGAAGCTGTAAAG
TCTTTCACTGGNTCTCAACCT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_025189 unedited <pre> GCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTGAGAGGAGTGCCACTCT TGTGCCCAGGCTGGAGTGCAATGGCGCATCTCAGCTCACTTCAACCTCTGCCTCCCGG GTTCAAGCAATTTCTCTGCCTCATCCTCCGAGTAGCTGGGATTACAGGCATGCACCACT ACGCATGGCTAATTTTGTATTTTAGTAGAGACAGGATTTACCATGTTGGTCAGGCTGG TCTCGAACTCCCAACCTCATGTAATTCACCCGTCTCAGCCTCCCAAAGTCTGGGATTAC AGGTGTGAGCCACCGCACCCAGCCAGAATTATCTTATGTCTGGTAAGAATCGAGGACTTG TTGAAGGCTTTGCCATATTCTTCACACTCATAGGGTTCCCTCTTAACATATGAATGTTCTTA TGTTTAGTAAGAATTAGGACGGGTTAGAGGCTTTGCCACAATCTTCACATTGGTAGGGT TTCTCTCCAGTATGAATTACTTTGTCCAATAAGGTTTGAGGACTGGTTGAAAGCTTTGCC GTATTCTTCACAGTTGTAAGGTTTCTCTCCACTATGACATACCTTATGTCCACTAAGAGT TGAAGACTGGCTAAAGGCTTTATCACATTCTAGGTATTGCAAGAGGAATTCCTCAATATG ACCTATCTTATGTTTAAAAAGGTTTGAAACTGGTAAAAAACTTCGCCACATCTTCACA TTGCAGGGTTTTCTCCCAATGATTCCCCTATGGCCACACGTCTCGGACCGGCCAAA AGGCTACCCCCCTTTTCAAATTTGTAGGGGTTTTTCCCATCAATTACCTTATGGCCCC CGGTTTGAGACCCAAAAAACCTTTGCCCATGGTTACATCTGAGGGTTTCTCCAAATGAA CTCTTTTTTAAGAGGGGCGAGGACCATAACCCCTGCCCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_025189
Insert Size:	2290 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_025189.2</u> , <u>NP_079465.2</u>
RefSeq Size:	2649 bp
RefSeq ORF:	1713 bp
Locus ID:	80264
UniProt ID:	<u>Q9H8G1</u>
Cytogenetics:	19p12
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 longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.