

Product datasheet for **SC108626**

ZFP30 (NM_014898) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP30 (NM_014898) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP30
Synonyms:	ZNF745
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108626 sequence for NM_014898 edited (data generated by NextGen Sequencing)

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ATGGCTCGTGATTTGGTGATGTTTCAGAGATGTGGCTGTAGACTTTTCTCAGGAAGAATGG
GAATGCCTGAACATATCAGAGGAATTTGTACAGAGATGTGATATTAGAGAAGTATAGC
AACTTGGTGTCACTGGCAGGATGTTCTATTTCTAAGCCAGATGTGATCACCTATTGGAA
CAAGGGAAGAGCCCTGGATGGTTGTGAGGGATGAGAAAAGAAGATGGACTCTAGATTTG
GAATCCAGATATGACACTAAAAAGTTATTTCAAGGAAAGGATATTTATGAAATGAACTTA
TCTCAGTGGAAAGTAATGGAAAGAATTAAGCTGTGGACTTGAAGAACAAGAAAGTCTCT
CATGAGGTGTGTTTCAGGCAAGTGACAAAAACCTCTGAAAAAATGCCTACTTACAGA
AAACTCACATCTCTCTCTGTATCAGAAAAGTCATAACAGAGAGAAACCTACGAATGT
GGGGAATGTGGGAAGGCTTTTAGAGTACGACAACAACCTACTTTCCATCAAGAATTCAT
ACTGGTGAGAAACCTATGAATGTAAGAATGTGGAAAAGCCTTTAGACAGTGTGCCAC
CTCAGTCGACATCAGAGAATTCATACTTCTGACAACTCTATGAATGTAAGAAATGTGGA
AAGATCTTACATGTGGCTCAGACCTTCGAGTACATCAGAGAATTCATATTGGTGAGAAG
CCGTATGAATGTAAGAATGTGGAAAAGCCTTTAGAGTTAGAGGACAACCTAATCTCCAT
CAAAGGATTCACACGGGTGAGAAAACCTATGAATGTAAGAATGTGGAAAGGCCTTTAGG
CAGTATGCACACCTTACTCGACATCAGAGACTGAACATTGCTGAGAAGTCTATGAGTGT
AAGGAATGTGGTCAGGCCTTTCTGTGTAGTACAGGCCTTCGACTACATCAGAACTTCAT
ACTGGAGAAAAACCTATGAATGTAAGGAGTGTGGAAAAGCCTTTAGAGTGCAGCAGCAA
CTTACTCTCCATCAGAGAATTCACACTGGTGAGAAAGCCTTATGATTGTAAGGAATGTGGG
AAGACTTTCAGTCGTGGCTATCATCTAACTCTCCATCAGAGAATACATACTGGTGAAG
CCCTATGAATGTAAGGAATGTCAGAAGTCTTTTCGTGTTACTCAGAATTTATTTACAT
CAGGGTATTCACATTGGAGAGAAACCTTATGAATGTAAGGAATGTGGAAAGGCATTTAGG
CTGTTCTCACAGTACTCAACATCAGAGTATTCAATTTTGGTGAGAAACCTTTAAGTGT
AAGGAATGTGAGAAGACTTTTAGACTGCTTTCAAACTTACCAACATCAAGTATTCAT
ACTGGTGAAGCCCTATGACTGTAAGGAATGTGGAAAAGCCTTTAGACTTATTATCA
CTGATTCAACATCAGAGAATTCATTCTGGTGAGAAACCATACAAATGTAAGGAATGTAA
AAGGCATTTAGACAACATTCACATCTTACTTACCATCAGCGAATTCATAATGTAACCTAA

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Clone variation with respect to NM_014898.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_014898 unedited
GGCGGCCGCAATTCGGCACGAGGGGGCTGGGAGCCGGGCGCCACTGTGGCCGCTGCTT
TTCTGAGGGAAAAGAGCGCGGAGTGGGCCAGGTTTTGCAGGCCGGGCCAAGGTGGAGAAA
AGGTTCTGTGGAGCCTCAGGCCGGTGTGCTTTTTTCCGGGACTGAGCTTCTGCAGCC
CTGAGGCCCTGGAGGCCCGGGCGGTAGTAACTGTGCCGGACCAGGTTCTGTTGGTGGCCCT
GTGGTCAGTTGGAGACCGAGGCCCGCATCCTCGTCCGCGCTTCAGCCACTTAGGCT
CGGCCGTAGCGAAAAGGCCCAAGAGGGAAGTCAAGAGGTGGCGGTTAGTTGGGGCCAGGGA
AGCGTGGAGGGTGGGTTCCAATCGAGTCAAGAAAAGCCTGGGGTGTCTGAACTCTGCCT
GCTTCCCCAGCCCTGCCAGTTTCCAGAGAAGGCGCTTGAGAAGGAGAAACGAATCGCTGC
TGCTCTTCTAAAAGCCGTTCCCTCTCTGGTGTCTGTGGACCCTGCTTCTGAAGTACATG
AACCTTGAGGAAAATTGACCAGTTCTAGCAGTTCTAAAATCATGGCTCGTATTGGNTG
ATGTTCAAAGATGTGGGCTGTAGACTTTTCTCANGAAGATGGGGAATGCCTGAACATATA
TCAGAGGAATTTGTACAGAGATGTGATATTAGAGAACTATAGCACTTTGGTGTCACTGG
CCAGGATGNTTCTATTTCTAAGCCAGNATGTGATCACCCCTATTGGAACANNNGGANAGA
GCCTGGATAGGTTTGGNAAGGAATGAAAAAATAAATGGGACTCTAAATTTTGGATCCA
GATATGACACTAAAAGTTATTCAGGAAAGGATTTTTATGAAATGGACTTATCTA

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014898 unedited NTTAGCTTTGNACCGCGGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCCAAT CTACTTTTTATTGTTTATGCCAGCGCTGACAATAGAAATACGTGAGCTACATATATAAAT TTTCTATAACAATTTTAAAAACAAAAAGTGTATTTCATTTTAAATGTATTTTATTGAA CCAATATATCTAAAATATTATTTCAATATGTAATGAAAAATTGAGATACTTAAC TTTTTTAAAAATAACTAAGTCTTCAGAATCTTGTGTTTTACAAAAAACACCATTTGAATT TGGACTAGCCACATTTTCAGTGTCAATAACTCAATTTCAAGTGCTCAACAGGTTGCTAGT GACTACCATATATTAGTACAGGTCTAGTCCATTATTTCCACATTTAGCAGTAGTAATTG CTTTCTTTTACTCATTCTTTAAACATATGAAGTGAGAGCCGGGCATGGTGGCTCACGCCT GTAATCCCAGCCAGAAATTTTTTTTAAAAATAATTCATTTTAAACTGGCTATAATTTTCATG GATAATTTGATCTTTAAAAAGAACATCATGGAAAAATTTTAAATACACAAAAGTAGAATAGC AAAAAACAAAACAATAAAAAACCATGTATCCAAGACTTAGGTTACCATCATTTTGCCAAAC TTGTTATTCATCCTCATTTTTCTTTTGTATGAACAAAAGGACATTCCAGATATATCATCT CCTGTGTATAGACTTCAGAATTATCTTAACAAATACACTNTTACATAACCCACATGCTA TTATCACACATAACAAAGTTTCTTAATATTATCTAATATTGNCAATATTCCATTCTCCCA ATTATNGTTAAGNATCTCCTCTTTTACATGNTTGTTCAACTCATGATCTAGTAAAAAAC ACTGTTTCATTGCATTTGACTGATGNTCAGGCTGTCATA
Restriction Sites:	NotI-NotI
ACCN:	NM_014898
Insert Size:	4000 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:	<u>NM_014898.1</u> , <u>NP_055713.1</u>
RefSeq Size:	4612 bp
RefSeq ORF:	1560 bp
Locus ID:	22835
UniProt ID:	<u>Q9Y2G7</u>
Cytogenetics:	19q13.12
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) encodes the longer isoform (1). Variants 1-5 encode the same protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic and transcript sequence to make the sequence consistent with the reference genome assembly. The extent of this transcript is supported by transcript alignments.