

Product datasheet for **SC118019**

ZNF7 (NM_003416) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF7 (NM_003416) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF7
Synonyms:	HF.16; KOX4; zf30
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_003416, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGTGGTAACATTTGGCGATGTGGCTGTGCACTTCTCTCGGGAGGAGTGGCAGTGTCTGGACCCTG
GCCAGAGGGCCCTCTACAGGGAAGTGATGCTGGAGAACCACAGCAGTGTGGCTGGACTAGCAGGATTCTCT
GGTTTTCAAGCCTGAGCTGATCTCTCGGCTGGAGCAGGGAGAAGAGCCATGGGTCCTCGACCTGCAGGGA
GCAGAGGGGACAGAGGCACCAAGGACCTCCAAGACAGATTCTACGATTAGGACTGAAAATGAGCAGGCCT
GTGAGGACATGGACATCCTAAAATCAGAATCCTATGGGACAGTGGTCAGAATCTCCCCACAGGACTTTCC
TCAGAATCCTGGCTTTGGAGACGTTTCTGATTCTGAGGTCTGGTTAGACAGTCATCTGGGCAGTCCCGGG
CTGAAAGTGACAGGCTTTACCTTCCAAAATAACTGTTTGAATGAGGAGACTGTGGTTCCCAAGACCTTCA
CCAAGGACGCACCCAGGGATGTAAGGAGCTGGGAAGCAGCGCCTGGATTGTCAGCCTCTTGAAAGTCA
GGGAGAGAGTGCAGGAGGGATGTCCAGAGATGCGAGGAGTGTGGCAAAGGCATCAGAGCCACTTCAGAT
ATCGCTCTGCATTGGGAAATTAACACAGAAAATTAGCAGATGTCAAGAATGCCAAAAAAGTTATCTG
ACTGCTTGCAAGGGAAACATACAAATAACTGCCATGGAGAGAAGCCGTACGAATGTGCAGAGTGTGGAA
AGTCTTACAGGCTCTGCTCGCAGCTTAATCAGCATCAGAGAATCCACACGGGAGAGAAAACCCTTTAAATGC
ACTGAGTGTGGAAAAGCCTTCCGCCTGAGCTCAAACTTATTTCAGCATCAAGAATCCACACTGGGGAGA
AGCCCTACAGATGTGAGGAATGTGGAAAAGCTTTTGGTCAGAGCTCAAGCCTCATCCACCATCAGAGAAT
CCACACAGGAGAGAGGCCCTATGGTTGTCTGAGTGTGGGAAAGCCTTCAGCCAGCAGTCGCAGCTGGTT
AGACACCAGAGAACTCACACTGGGGAGAGGCCCTACCCTTGCAAGGAGTGTGGGAAAGCCTTCAGCCAGA
GCTCCACCCTAGCCAGCATCAAAGGATGCATACTGGGGAGAAAGCTCAAATCTAAAAGCCTCAGACAG
TCCAAGCCTTGTGCACATCAGAGAATTCACGCTGTAGAGAAACCATTTAAGTGTGATGAGTGTGGGAAA
GCTTTTAGTGGATCTCTCGCCTGAGTCAGCATCAGCTGATTACACTGGAGAGAAGCCTTATAAATGCA
ACAAGTGTACAAAAGCCTTTGGTTGTAGTTCACGGCTTATTTCGCATCAGAGAATCCACTGGAGAAAA
ACCATTTAAATGTGATGAGTGTGGCAAAGCCTTTGTTTCAGGGCTCACACCTTATTTCAGCATCAGCGAATC
CACACTGGAGAGAAAACCTATGTGTGTAATGACTGTGGAAAAGCCTTCAGTCAGAGTTCAGCCTTATTT
ACCATCAGAGAATCCATAAAGGAGAGAAGCCCTACGAATGCCTCCAATGCGGAAAAGCCTTCAGTATGAG
CACACAGCTTACAATACATCAAAGGTTTCACACTGGAGAGAGGCCCTATAAATGTAATGAATGTGGGAAA
GCCTTCAGTCAAACTCAACCTTTTCCAACACCAGATAATTCATGCAGGGGTGAAGCCCTATGAGTGCA
GTGAGTGTGGAAAAGCCTTCAGCCGGAGCTCATATCTTATTGAACACCAGAGAATACACACTAGGGCCCA
GTGTTTTACGAATATGGGAATGCCCTGGAAGGGTCCACCTTTGTGAGCCGTA AAAAGGTTAATACTATA
AAGAACTGCATCAGTGTGAAGACTGTGAGAAGATATTTAGTGGCGTTCACACCTAATTATACACCAGA
GAATTCACACCGGGGAGAAGCCTTATAAATGCAATGACTGTGGCAAAGCTTTTAAATCGTAGCTCAAGGCT
TACCCAGCATCAAAAATTCACATGGGATAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003416 unedited AAATTTGTATACGACTCACTATAGGCGGCCCGGAATTCGCACGAGGCGTTTGCAGGCC TCGGGTGGTCCTCAGGGAGGGTCTCTCGGCCAGACACGTGGATGCCACCACCAGTGG CCTCATGGTAGGAAGCTTGACTGCCTCCTCCCTCGCATGTCTGTGAAGGCCACCTC CTGCTCTGCCACTGGCCCTGGGCCAGACCCTACCTTGGCCCTGTCTGGGCTTAGGAAG GCCCCCTTGCCCCAACCCCAAGGTAGTGAGCAAACCCCTGCCCAAACCAGGGCCTAATT GAGGCTTTGAGGGGGGAGGGTTGTATGACCACCATGGACTGGGTTCTTCTCCTCCCC GAGACTGGCCCTCCCAGAATATTAGAGGCAGAGGAGTCCTGGTGAGCGTCTGCCCAAC CCCATGGGGCAGCTGCCTGAGACATGTCATGAGGCAGCGCCAGAAGGGGGCTGGCACCCA GGGATTCTGGGGTGTGGTGTGTCTTTTCAGGAGGTGGTAACATTTGGCGATGTGGC TGTGCACTTCTCTCGGGAGGAGTGGCAGTGTCTGGACCCTGGCCAGAGGGCCCTTACAG GGAAGTGATGCTGGAGAACCACAGCAGTGTGGCTGGACTAGCAGGATTCTGGTTTTCAA GCCTGAGCTGATCTCTCGGCTGGAGCAGGGAGAAGAGCCATGGATCCTCGACCTGCAGG GAGCAGAGGGGACAGAGGCACCAAGGACCTCCAAGACAGATTCTACCATTANGACTGAAA AGAGCAGGCCTGTGAGGACATGGACATCCCTAAATCAAATCCTATGGGACAGTGGTCAGA ATCTCCACAGGACTTCTCAAATCCTGCTTTGGAGACGTCTGATCTGAGTCTGTTAGA CGTATCTGGCAATCCGCCTGAAAGGACAGCTTACCCCN
Restriction Sites:	NotI-NotI
ACCN:	NM_003416
Insert Size:	2750 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_003416.1 , NP_003407.1
RefSeq Size:	2351 bp
RefSeq ORF:	2061 bp
Locus ID:	7553
UniProt ID:	P17097
Cytogenetics:	8q24.3
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

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

Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. The encoded isoform (2) is shorter than 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.