

Product datasheet for **SC322691**

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322691
 CGCGCGTTTGCAGCCTCGGGTGGTCTCAGGGAGGGTCTCTCGGCCAGAACACGTGGAT
 GCCCACCACCCTGAGCCTCATGGAGTGGTAACATTTGGCGATGTGGCTGTGCACTTC
 TCTCGGGAGGAGTGGCAGTGTCTGGACCCTGGCCAGAGGGCCCTCTACAGGGAAGTGATG
 CTGGAGAACACAGCAGTGTGGCTGGACTAGCAGGATTCCTGGTTTTCAAGCCTGAGCTG
 ATCTCTCGGCTGGAGCAGGAGAAGAGCCATGGGTCTCGACCTGCAGGGAGCAGAGGGG
 ACAGAGGCACCAAGGACCTCCAAGACAGATTCTACGATTAGGACTGAAAAATGAGCAGGCC
 TGTGAGGACATGGACATCCTAAAAATCAGAATCCTATGGGACAGTGGTCAGAATCTCCCA
 CAGGACTTTCCTCAGAATCCTGGCTTTGGAGACGTTTCTGATTCTGAGGTCTGGTTAGAC
 AGTCATCTGGGCAGTCCCGGGCTGAAAAGTACAGGCTTTACCTTCCAAAAAATACTGTTTG
 AATGAGGAGACTGTGGTTCCAAGACCTTACCAAGGACGCACCCAGGGATGTAAGGAG
 CTGGGAAGCAGCGGCTGGATTGTGAGCCTCTTAAAAGTACAGGAGAGAGTGGGAAAGGG
 ATGTCCCAGAGATGCGAGGAGTGTGGCAAAGGCATCAGAGCCACTTACAGATATCGCTCTG
 CATTGGGAAATTAATACACAGAAAATTAGCAGATGTCAAGAATGCCAAAAAAGTTATCT
 GACTGCTTGCAGGGGAAACATACAAAATACTGCCATGGAGAGAAGCCGTACGAATGTGCA
 GAGTGTGGGAAAGTCTTACAGGCTCTGCTCGCAGCTTAATCAGCATCAGAGAATCCACACG
 GGAGAGAAAACCTTTAAATGCACTGAGTGTGAAAAGCCTTCCGCCTGAGCTCAAAACTT
 ATTCAGCATCAAAGAATCCACACTGGGGAGAAGCCCTACAGATGTGAGGAATGTGAAAA
 GCTTTTGGTCAGAGCTCAAGCCTCATCCACCATCAGAGAATCCACACAGGAGAGAGGGCC
 TATGGTTGTCGTGAGTGTGGGAAAGCCTTACGCCAGCAGTCGCAGCTGGTTAGACACCAG
 AGAACTCACACTGGGGAGAGGCCCTACCCTTGAAGGAGTGTGGGAAAGCCTTACGCCAG
 AGCTCCACCCTAGCCCAGCATCAAAGGATGCATACTGGGGAGAAAAGCTCAAATTTAAAA
 GCCTCAGACAGTCCAAGCCTTGTGACATCAGAGAATTCAGCTGTAGAGAAAACCATTT
 AAGTGTGATGAGTGTGGGAAAGCTTTTAGTGGATCTCTCGCCTGAGTCAGCATCAGCTG
 ATTCACACTGGAGAGAAGCCTTATAAATGCAACAAGTGTACAAAAGCCTTTGGTTGATG
 TCACGGCTTATTCGCATCAGAGAACTCACACTGGAGAAAAACCATTTAAATGTGATGAG
 TGTGGCAAAGGCTTTGTTAGGGCTCACACCTTATTCAGCATCAGCGAATCCACACTGGA
 GAGAAACCCTATGTGTGAATGACTGTGGAAAAGCCTTACAGTACAGTTCAGCCTTATT
 TACCATCAGAGAATCCATAAAGGAGAGAAGCCCTACGAATGCCTCCAATGCGGAAAAGCC
 TTCAGTATGAGCACACAGCTTACAATACATCAAAGGGTTCACACTGGAGAGAGGCCCTAT
 AAATGTAATGAATGTGGGAAAGCCTTACAGTCAAACTCAACCCTTTTCCAACACCAGATA
 ATTCATGCAGGGGTGAAGCCCTATGAGTGCAGTGAAGTGTGAAAAGCCTTACAGCCGGAGC
 TCATATCTTATTGAACACCAGAGAATACACACTAGGGCCAGTGGTTTTACGAATATGGG
 AATGCCCTGGAAGGGTCCACCTTTGTGAGCCGTA AAAAGGTTAATACTATAAAGAAAAGT
 CATCAGTGTGAAGACTGTGAGAAGATATTTAGGTGGCGTTCACACCTAATTATACACCAG
 AGAATTCACACCGGGGAGAAGCCTTATAAATGCAATGACTGTGGCAAAGCTTTAATCGT
 AGCTCAAGGCTTACCCAGCATCAAAAAATTCACATGGGATAGACCACTTACATATAAATG
 TGTATATATGTGAATAAACCTACAGCCTTAACTTAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003416

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_003416.1</u> , <u>NP_003407.1</u>
RefSeq Size:	2351 bp
RefSeq ORF:	2061 bp
Locus ID:	7553
UniProt ID:	<u>P17097</u>
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.