

Product datasheet for **SC321243**

ZNF16 (NM_006958) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF16 (NM_006958) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF16
Synonyms:	HZF1; KOX9
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 NM_006958.2
 CTCCTTTCCAAGCGACCCGTTGAGGTCTTGTTCATGCCAGCCTCAGAACTCGCCGTG
 AGGAGGCAGAGATGGAGCTCTCAGTTCCAGGACCATCCCCTGGACCCCTGCAGCCCAGG
 CCCGTGTGAGAGATGCTCCTGCTGTGACCCACCCTGGATCTGCAGCCTGTGGTACCCCT
 GCTGTAGTGA TACTGAGCTGGAAGCCATCTGCCCTCACTATCAGCAGCCAGATTGTGACA
 CCAGGACTGAAGACAAGGAGTTTCTTACAAGGAAGACATTCATGAAGATTTGGAATCAC
 AGCAGAAATATCAGAAAATATGCTGGTGTATGTTTCCAGGTACCCGAGCTTGAGATC
 TGTGTGATGATGTATCAGAAAGAGACTGGGGAGTCCCGAAGGCAGGAGGCTGCCACAGT
 CCCTCTCCAGGAGGGGACTTACACCCAGCTGCCATGGGGCTCCTTAGGGGCCCTTAG
 GGGAGAAAGATCTGGACTGTAATGGTTTTGACAGTCGCTTCAGTCTGAGCCAAAACCTGA
 TGGCATGTGAGGAAATCCCTACAGAAGAGAGGCCACATCCATATGACATGGGTGGCCAGA
 GTTCCAGCACAGTGTGGACCTAAGTGTGATGAGGGGTTCCACAGCTGAAAGTCCAC
 TCATATGTAATGAGTGTGGGAAAACCTTCAAGGAAATCTGACCTTATTCAGCGTCAA
 TAGTCCACACTGGGAGGCTTCTTATGTGTGATGATTGTGGGAAAACCTTCAGCCAGA
 ACTCAGTCTTAAAAACCGTCATCGATCTCATATGAGTGAGAAAGCTTACCAGTGCAGCG
 AATGTGGGAAAGCCTTCCGAGGGCACTCAGACTTTTCTAGGCATCAGAGTACCACAGCA
 GTGAGAGGCCCTTATATGTGTAATGAATGTGGAAAAGCCTTCAGCCAGA AACTCGAGCCTTA
 AAAAGCACAAAAGTCTCACATGAGTGAGAAGCCCTATGAATGCAATGAATGTGGGAAAG
 CTTTTAGGCGGAGCTCAAACCTCATCCAACATCAAAGAAATCCATTCTGGGGAGAAACCGT
 ATGTGTGACAGTGTGGGAAAGCCTTCAGGCGAAGCTCAAACCTCATCAAACACCACA
 GGACTCACACAGGAGAGAAGCCTTTTGTGAGTGTGGCGAGTGTGGGAAAGCCTTCAGCCAGA
 GTGCACACCTGAGGAAGCAGAGGGTCCACACTGGAGAGAAGCCTTATGAGTGAATG
 ATTTGGCAAGCCCTTCAGTGGGTCTCCAACCTCATTAAAGCACACAGGGTTCACACT
 GAGAGAAGCCCTATAAGTGCAGTACTGTGGGAAAGCATTAGTACAGAGCTCCAGCCTTA
 TTCAGCATCGGAGAATTCACACTGGAGAAAAGCCTCACGTGTGTAATGTATGTGGAAAAG
 CCTTATGTATAGCTCAGTGCTCCGAAAGCACCAGATCATCCACACGGGAGAGAAGCCGT
 ACAGATGCAGTGTCTGTGGGAAAGCCTTCAGCCACAGCTCAGCCCTCATTACAGCACCAGG
 GCGTGCACACAGGCGACAAGCCCTACGCCTGCCACGAGTGTGGGAAAGCCTTTGGTCGCA
 GCTCCAACCTCATCCTTACCAGCGAGTCCACACTGGAGAGAAGCCTATGAATGTACTG
 AATGTGGAAAACCTTCAGCCAGAGCTCAACCCTCATTACAGCATCAGAGGATTCATAATG
 GGCTGAAGCCCCATGAATGTAACAGTGTGGTAAAGCCTTCAACCGAAGCTCAAATCTCA
 TTCACCACCAGAAAGTTCATACTGGGAAAACCTTACACCTGTGTTGAATGTGGTAAAG
 GCTTCAGCCAGAGCTCACACCTCATTACAGCATCAGATAATCCACACGGGCGAGCGCCCT
 ACAATGCAGTGTGGGAAAGCCTTCAGTACGCTTCGGTCTCATCCAGCACCAGA
 GGATTCACACTGGGGTGAAGCCCTATGACTGTGCTGCTTGTGGGAAAGCCTTCAGCCAGC
 GATCAAAGTTGATCAAACACCAGTTGATTCACACCAGGGAATAGGCTGTTGGGCTGGCAG
 GAGTGAACCGAGCATAGTTTCTCTCCAACCTCCTTTGGCCATTGTCTCAGCCTCTGC
 CACTTCCAGACCGAAAGCCTGGACTCAGCTCACTGCCTACATCCAGTGGCCACATAGCC
 TGGGACCCTCCTTTGAAACATCCTTTACAGGCTCCCTTCTCACTGCCACTGCTCTTGCCT
 CTTGTGATGTCTGGGTTTGGGCTTGTGTTTACAGCTTGTGAACGACTGCACGTTTGT
 ACAAGGGAGAAGATTATGGAGGCTGCATATTCATGAATAGAGTTTATTATTATAATGAAA
 AGTTACCAAAAAAGTAAAGTGACGTTTGGTTTGTGATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006958

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:	NM_006958.2 , NP_008889.2
RefSeq Size:	2546 bp
RefSeq ORF:	2049 bp
Locus ID:	7564
UniProt ID:	P17020
Cytogenetics:	8q24.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene contains multiple tandem zinc finger motifs. The encoded protein is involved in the differentiation of erythroid and megakaryocytic cells. This gene is located in a cluster of related genes on chromosome 8 encoding zinc finger proteins. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]</p> <p>Transcript Variant: This variant (1) lacks an alternate exon in the 5' UTR and encodes the same protein, as compared to transcript variant 2.</p>