

Product datasheet for **SC318153**

ZNF16 (NM_001029976) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF16 (NM_001029976) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF16
Synonyms:	HZF1; KOX9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318153 representing NM_001029976.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCCAGCCTCAGAACTCGCCGTGAGGAGGCAGAGATGGAGCTCTCAGTCCAGGACCATCCCCCTGG
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ACCCCTGCTGTAGTGACTGAGCTGGAAGCCATCTGCCCTCACTATCAGCAGCCAGATTGTGACACC
AGGACTGAAGACAAGGAGTTTCTTCAACAAGGAAGACATTCATGAAGATTGGAATCACAGGCAGAAATA
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GCTGCCATGGGGCTCCTTAGGGGCCCTTAGGGGAGAAAGATCTGGACTGTAATGGTTTTGACAGTCGC
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CACGTGTGTAATGTATGTGGAAAAGCCTTAGTTATAGCTCAGTGTCCGAAAGCACAGATCATCCAC
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AACAGTGTGGTAAAGCCTTCAACCGAAGCTCAAATCTCATTACCACCAGAAAGTTCATACTGGGGAA
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ATCCACACGGGGCAGCGCCCTACAATGCAGTGAAGTGTGGGAAAGCCTTCAGTCAAGCTTCGGTCTC
ATCCAGCACCAGAGGATTCACACTGGGGTGAAGCCCTATGACTGTGCTGCTTGTGGGAAAGCCTTCAG
CAGCGATCAAAGTTGATCAAACACAGTTGATTACACACAGGGAATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001029976

Insert Size: 2049 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).

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_001029976.2</u>
RefSeq Size:	2632 bp
RefSeq ORF:	2049 bp
Locus ID:	7564
UniProt ID:	<u>P17020</u>
Cytogenetics:	8q24.3
Protein Families:	Transcription Factors
MW:	76.5 kDa
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 (2) represents the longer transcript variant and encodes the same protein, as compared to transcript variant 1.</p>