

Product datasheet for **SC319438**

ZNF174 (NM_001032292) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF174 (NM_001032292) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF174
Synonyms:	ZSCAN8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001032292.1
 GTCCCTCGGTCTTGGGTTCCCGGAGAGGTGAGTCGGCTGCAGGTGGGTGCGGGGCGCCGG
 GCTGTTCCGGGTACCGGTGTCGCAAGTCCGAGCTCACACCGGGCGTGGAGTTCA
 GCTGCGCATCGGGTTGCGGCAGCTTCGCCAGCCTGGGGCTGGCTGGGCCGCGGGGCCGC
 CCTGGAGGCCGGAGCCACTGGGCCTGCGCGCCTCGGCAGCGAGCAGCCGCTTTGCTCGC
 GTGCAGGAGGCTGTTTCGCTACCTCACACCCCGGCTGGCCTGTGGCCTCGTTAGCTCT
 ACCGTTTAGCACCCGGCGACATGCACCCGGTCGGTTTCCGCCAGGATGCGGGAGAGTTGG
 GGCAAGCTACCTGCGACAGCTTGAACCTTTCTAGGGATTCCGCTCCACCCGCGGTTAG
 AGCGTATTGCTCATAAATCCGAGACCTGTGTGCTTGTACTGAAATAAAAGAAGTATTT
 TTTCCCGAGAGTCTTTTAGGACGTTATGACTTTTCTCCTTTGCAAGACTGCAAAAACT
 GACAAGAAGACAAAACCTTCCCACTCCAGGGACCGCTTTGTCTTGAGTTTGGTAGTA
 AAGGCTAGCAAGTGAGGCTTTGTCTCTGCATCCCGTTCCCGCTAACATCCTCAGAGAACC
 TTCGTTTCTAGAATCTTTCTAGTATTCAGAGACTTCTCCAGGGTCATGATCCCAAAGGCT
 TAACCCGTTTACAAGGAGAGAGTTGTCTCCTGACGCCAAAATGGCAGCTAAAATGGAGA
 TAACCTTAAGCTCCAACACTGAAGCTTCTCCAAGCAAGAGAGACACATAATAGCCAAAC
 TAGAAGAGAAACGGGGCCCTCCTCTGCAAAAAACTGCCAGATCCTGAGCTCTGCCGCC
 AGAGCTTCAGACGCTTTTGTATCAAGAGGTGTCTGGACCCCAAGAGGCGCTCTCCAGC
 TCCGACAGCTCTGCCGTCAAGTGGTTGCAACCCGAGCTGCACCAAGGAGCAGATTTTGG
 AGCTTCTGGTGATGGAGCAGTTTCTGACCATCCTGCCCGGAGATCCAGGCTCGGGTCA
 GGCATCGATGTCCAATGAGCAGCAAGGAGATTGTGACCCTCGTGGAAAGATTTTACAGAG
 CATCCAAGAAACCAAAGCAGTGGGTGGCGTTTGTATGCAGGGGCAAAAGGTGCTCTTGG
 AGAAAAGTGGATCTCAGCTTGGAGAACAGGAACTGCCAGACTTTCAACCGCAGACTCCTA
 GGAGAGATCTCAGGGAGAGCTCTCCAGCAGAGCCTTCCAGGCAGGAGCTTATGACCGGC
 TGAGCCCCATCATTGGGAGAAATCCCCACTCCTCAAGAACCAACCCCAAAATTGGCTG
 GGACAGAACTTCTATAGAAAAGACAGATCCAAATATGGCCACAGATGAACCTCCATGCA
 AGCTATGGCTGAGTTTCATTGCTTAAATGCTCCTCTGTTTAGAGGGCCTGGTAGAAAT
 AAAAACCACCTATATCTTAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_001032292
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_001032292.1 , NP_001027463.1
RefSeq Size:	1539 bp
RefSeq ORF:	705 bp
Locus ID:	7727
UniProt ID:	Q15697
Cytogenetics:	16p13.3
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a protein with three Cys2-His2-type zinc fingers in the carboxy-terminus, a putative nuclear localization signal, and an amino-terminus SCAN box which forms homodimers. This protein is believed to function as a transcriptional repressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (2) contains an alternative 3' terminal exon compared to transcript variant 1, resulting in a shorter isoform (b) with a different C-terminus compared to isoform a.</p>