

Product datasheet for **SC108175**

ZNF317 (NM_020933) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF317 (NM_020933) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF317
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020933, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCTCTGTCCCCACATTTGCCACGTCCACCCAGGATTCCACCTGTCTCCAGGACTCAGAATTTCT
CTGTTTCTTCAAAGACCATTCTGTCCCAGAAATTTGGACCTGTTCTGTGTCAGTGGTCTGGAGCCTCA
CACACCCAGTGTGGTTCCAGGAATCGGTGACTTTCCAAGATGTCGCTGTGGACTTTACCGAGAAGGAG
TGGCCCTTGCTGGATTCTTCTCAGAGAAAAGTGTACAAAGATGTAATGCTGGAGAACTACAGCAACCTCA
CTTCACTGGGGTATCAGGTGCGGCAAAACCCAGCCTCATCTCACACTTGGAGCAGGAGGAGGAGCCGAGGAC
AGAGGAGAGGGGCGCTCACCAGGGCGCTTGTGCAGATTGGGAGACTCCATCTAAAACCAAGTGGTCACTT
CTTATGGAAGATATTTTGGGAAGGAAACGCCAGTGGTGTGACGATGGAAGAGCCGGTCTTGGAGAGA
AGTCCACTGAATACGCTCACTTGTTCGAAGTCTTTGGCATGGACCCTCATCTCACTCAGCCAATGGGAAG
GCACGCTGGCAAGAGGCCCTATCACCGCCGCGACTATGGGGTAGCGTTCAAGGGCAGGCCGACCTCACT
CAGCACATGAGCATGTACGACGGGAGAAAAATGCATGAATGTCATCAGTGCCAAAAAGCCTTCACCACGA
GCGCGTCCCTCACACGGCACAGGAGAATCCACACGGGGAGAAAGCCTTACGAGTGCAGCGACTGCGGGAA
AGCCTTCAACGACCCCTCAGCCCTTAGGAGCCACGCAAGAACTACCTCAAGAGAAAGCCCTTTGACTGC
AGTCAGTGTGGAATGCATTCCGGACCCCTCTCGGCCCTGAAAATCCACATGCGAGTTCACACTGGCGAGA
GGCCTTACAAGTGTGATCAGTGCAGGAAAGGCTTACGGCCGGAGCTGCCACCTCATCGCACACAAGAGAAC
GCACACCGGAGAGAGGCCCTACGAGTGTACGACTGTGGGAAAGCTTTCCAGCACCCCTCCACCTCAAA
GAGCAGTGTAGGAATCACACGGGGGAGAAAGCCCTACGCGTGCACGAGTGCAGGCAAGCCCTCCGCTGGA
AGTCCAACCTTAAATTTGCACAAGAAGAACACATGGTGGAGAAGACCTACGAATGTAAAGAATGCGGGAA
ATCCTTTGGCGATCTCGTGTCCCGGAGGAAACACATGAGGATTACATCGTCAAGAAACCCGTGGAATGT
CGGCAGTGCAGGAAAGACCTTCCGAAACCAAGTCCATCCTTAAGACTCACATGAAGTCTCACACTGGAGAGA
AACCATACGGGTGCGATCTCTGCGGAAAGCTTTACGCGCGAGTTCAAACCTCACCGCACAGGAAGAT
ACACACGCAAGAGAGACGCTACGAATGCGCCGCTGCGGGAAAGTCTTCGGTGAATTTATCCCGCGCG
AGGCACATGAGCGTTCACCTTGTAAAGAAACGAGTTGAGTGTAGGCAAGTGTGGCAAGGCCTTCAGGAACC
AGTCAACGCTGAAGACGCACATGCGAAGCCACACGGGGGAGAAACCGTACGAATGCGATCACTGTGGGAA
GGCCTTCAGCATAGGCTCCAACCTGAATGTGCACAGGCGGATCCACACGGGGGAGAAAGCCCTACGAATGC
CTTGTCTGCGGGAAAGCCCTCAGCGACCACTCATCCCTCAGGAGCCACGTGAAAAGTACCGGGGAGAGA
AGCTCTTTGTGTCATCCGTGTGGAAGGCTCCAGTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020933 unedited

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CACATTTTGTATACGACTCACTATAGGGCGACGTCGCGAATTCGCACGAGGCTCTGGAGT
CGATTGCCCGAGACACATGGGCCAAGGAGGGGTGAGCGGCGAATTTCTTCGGCCTGTTG
GGGACCCCTCGTGTCCCGACGCCAGACTGGACCTCCCGTATGAATTTCTTTCGCATCGG
CGGCGGCTTCGTCACCTCCGCTCCCGGATCCTATTCCAGTCGTATGCCAGCTTGGAG
AGTCACGTGAGAGCAAGAGAGTAGCTTTCTGGTTGTCTGGTGCCTGCTCAGGCAAACT
GACTGCCATTCTCTGAGGATGGCAGCTCTGTCCCCACATTTGCCACGTCCACCCAGGAT
TCCACCTGTCTCAGGACTCAGAATTTCTGTCTTCAAAGACCAATTCCTGTCCCCAG
AATTTGGACCTGTTTCGATTGCAGTGGTCTGGAGCCTCACACACCCAGTGTGTTCCCGAG
GAATCGGTGACTTTCAAAGATGTCGCTGTGGACTTTACCGAGAAGGAGTGGCCCTTGCTG
GATTCTTCTCAGAGAAAAGTGTACAAAGATGTAATGCCGAGAACTACAGCAACCTCACT
TCACTGGGGTATCAGGTGCGGCAAAACCCAGCCTCATCTCACACTTGGAGCAGGAGGAGGAG
CCGAGGACAGAGGAGAGGGGCGCTCACCAGGGCGCTTGTGCAGATTGGGAGACTCCATCT
AANACCAAGTGGTCACTTCTTATGGAAGATATTTTGGGAAGGAAACGCCAGTGGTGTG
ACGATGGAAGAGCCGGTCTTGGAGAGAAGTCCACTGAATACGCTCNACTTGTTCGAGTC
TTTGGCATGGACCTCATCTCACTCAGCCAATGGGAAGGCACGCNNTGCAGAGGGCCTAT
CACCGNCGCGACTATGGGGGTAGCGTCAGGGGCAGGCCGACCTCACTCACACATGAGCA
TGACGACGGNAGAN

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020933 unedited <pre> NCCTTACTATGACCGCGCCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTAA ACCAATAATCAGTTTTATTTTTTCTCATGTGATAGAAGTCTGGAAGTCCAGGGCTGCTGC AGACACTCAAAGAGGCCACAGGGGAGGCCAGGGTCGTTGTGAGCTTTCTGCAGTCACTTC CTTAGACTGTGGTTCTCATATGCACGGTCGTTAAGGTGGATCTTCCAATACTAGGTACTG GATCTCTTTGCAAGGTGAAAAGCATACGCCAGAACAAAACATACAGGGCAGGAACATG TTTAAGAACGATCCCCATTCCAGAGCTTTCTCAGAACCCCATGTGGTGACATTCCGTGAT CTGTCCTTGCCGAGGCCGTGAGACATGGATGGTACCATTGCCCCGATAACCTGTACGAG ACTTTCTCCACTCTACATCACTCTACCCCTCACAACTTCGACGAACCTGACTTCTCTTGA TCTTCGCAGAACATGAGACTGTCTCCCCCCCCTCCCTCTACGTCTCTGTTCCCTTTGC CTTGCACGTCCGCTCATCTATCCTTCCACCCGTCGTACGCTCATCCCCCTGCATCAAC CCGCGCGCCGTCCGTCCTCATCTATTGACCTGATCAATTTCTTTTTTCCACATT CCTCACCTTCCCTCCGATCCGCGTCTGCTCCACCGAACTCTACACTCCTTCTACG CCTCATCTTCTCTCCATCTTCTTCCGCTCATCTTCCCTCGTCCCGCCTTCCGTCCT TTCCCATCCCATCTCCCTCTCCCTTCCCTTCCCCACATTTACCTGTCCCCCGCG TATTTTCTTACATTCCCTCCCTCTCTTCCCGTCCACTTTCTTCGCACTTTCT ACCACGTCCCCCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020933
Insert Size:	4230 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:	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_020933.2 , NP_065984.2
RefSeq Size:	4078 bp
RefSeq ORF:	1788 bp
Locus ID:	57693
UniProt ID:	Q96PQ6
Cytogenetics:	19p13.2
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May function as a transcription factor. May play an important role in erythroid maturation and lymphoid proliferation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (1).