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Product datasheet for SC117973

ZNF135 (NM_003436) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF135 (NM_003436) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF135
Synonyms:	pHZ-17; pT3; ZNF61; ZNF78L1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_003436, the custom clone sequence may differ by one or more nucleotides

ATGACCCCTGGGGTGCGCGTCTCCACAGACCCGGAGCAAGTGACGTTTGAGGACGTGGTAGTGGGCTTCA
GCCAGGAGGAGTGGGGGCAGCTGAAGCCTGCCCAGAGGACCCTGTACCGTGATGTAATGCTGGACACCTT
CAGGCTTCTGGTCTCTGTGGGACATTGGTTACCGAAGCCGAATGTCATCTCCCTGCTGGAGCAAGAGGCA
GAGCTGTGGGCGGTGGAGTCTAGACTTCCCCAAGGCGTGTACCCAGAGATTAAGGGACATTTCCAGTTTT
TGCTTCTTTCAGACTTGGAAACTAGACCCAAAGTCAAACTGTCAGTTCTAAAGCAAGGCATCTCTGAAGA
AATATCCAACAGTGTCATCTTGGTAGAAAGATTCCTGTGGGATGGTCTGTGGTACTGCAGGGGTGAGGAC
ACTGAGGGCCACTGGGAATGGAGTTGTGAGAGTCTAGAGAGCCTGGCAGTGCCGGTGGCCTTCACGCCTG
TGAAGACGCCTGTTCTGGAGCAGTGGCAGAGGAATGGGTTTGGGGAAAACATAAGTCTGAACCCTGATCT
CCCACATCAACCAATGACTCCTGAAAGACAAAGCCCCCACACATGGGGAACACGTGGAAAAAGGGAGAAG
CCAGACCTAAATGTTTTACAGAAAACCTGTGTAAAAGAGAAACCCTACAAATGTCAGGAATGCGGAAAGG
CCTTTAGTCACAGCTCAGCACTTATCGAACACCACCGGACGCACACAGGAGAGAGACCTTACGAATGTCA
CGAATGCTTAAAAGGCTTCCGGAACAGCTCGGCACTTACCAAACACCAGAGAATCCATACTGGGGAGAAA
CCCTATAAATGCACTCAGTGTGGGAGGACCTTCAACCAAATTGCCCCACTGATCCAGCACCAGAGAACTC
ACACAGGTGAGAAGCCCTATGAATGCAGCGAATGTGGGAAATCCTTCAGTTTTAGGTCCTCCTTCAGCCA
GCACGAGCGAACTCACACAGGCGAGAAGCCCTACGAGTGCAGTGAGTGTGGGAAAGCCTTCCGGCAAAGC
ATCCACCTCACCCAGCATCTGCGAATCCACACTGGGGAGAAACCCTATCAGTGTGGTGAGTGTGGCAAGG
CCTTCAGCCACAGCTCATCCTTGACCAAACACCAGCGAATCCACACAGGGGAGAAGCCCTACGAGTGCCA
TGAGTGTGGAAAAGCCTTCACCCAGATCACACCACTGATTCAGCACCAGAGGACCCACACAGGAGAAAAG
CCCTATGAGTGTGGTGAGTGTGGGAAAGCCTTCAGTCAGAGCACACTCCTGACCGAGCATCGGAGGATTC
ACACAGGAGAGAAGCCCTATGGATGCAACGAGTGTGGGAAAACCTTCAGCCACAGCTCCTCACTCAGCCA
GCATGAGCGGACACACACAGGAGAGAAGCCCTATGAGTGCAGTCAGTGTGGGAAGGCCTTCCGGCAGAGC
ACACACCTCACCCAACACCAGCGAATCCACACAGGGGAGAAGCCCTATGAATGCAATGACTGCGGCAAGG
CATTCAGTCACAGCTCGTCCCTCACCAAACATCAGCGAATCCACACTGGGGAGAAGCCCTACGAATGCAA
CCAGTGTGGCAGAGCCTTCAGCCAGCTTGCTCCCCTCATTCAGCATCAGAGGATCCACACAGGAGAGAAA
CCCTATGAATGTAACCAGTGTGGCAGAGCCTTCAGCCAGAGCTCCCTTCTCATCGAACACCAGAGGATTC
ACACCAAGGAAAAGCCGTATGGGTGCAATGAGTGTGGGAAATCCTTCAGCCACAGCTCCTCGCTCAGCCA
GCACGAAAGGACGCACACTGGGGAAAAGCCCTATGAGTGTCACGATTGCGGAAAGTCCTTTAGGCAGAGC
ACCCACCTCACTCAGCACCGGAGGATCCACACAGGAGAGAAGCCATATGCATGCAGGGACTGTGGAAAGG
CCTTTACCCACAGCTCCTCCCTTACCAAGCACCAGAGAACTCACACTGGATAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003436 unedited
GTTAGGATTTGTATACGACTCCTATAGGCGGCCCGCGAATTCGCACGAGGCTCTCCTGGG
CATCCGCTCTGCATCCTCCTCCCTCTGTGCTCCCCTCACAGACTCCATTCATACTCCTTG
TGCCAACTGTTTTTTCCTCCCTCTCCTCTTCCTTTCCTTATTCTGTTCTTTCCTCTTCCT
TTCCTTATTCCTTATTTTCCTCTTCCTTATTCTGTGTTTCCCTCTCTTCCTTTCCTGGTT
TGCAAAACTATATTTTTAAATGGTCAAAGCCACTTGAACCTTGAACGTTTCAAAATAATT
AGTTTTATCCTTCCTCTTCCCATCTCACCACAAACTCTTTTGCCGTGGAACAGAGATTAA
GGGACATTTCCAGTTTTTGCTTCTTTCAGACTTGGAAACTAGACCCAAAGTCAAACTGTC
AGTTCTAAAGCAAGGCATCTCTGAAGAAATATCCAACAGTGTCATCTTGGTAGAAAGATT
CCTGTGGGATGGTCTGTGGTACTGCAGGGGTGAGGACACTGAGGGCCACTGGGAATGGAG
TTGTGAGAGTCTAGAGAGCCTGGCAGTGCCGGTGGCCTTCACGCCTGTGAAGACGCCTGT
TCTGGAGCAGTGGCAGAGGAATGGGTTTGGGGAAAACATAAGTCTGAACCCTGATCTCCC
ACATCAACCAATGACTCCTGAAAGACAAAGCCCNCACACATGGGGAACACGTGGAAAAAG
GGAGAAGCCAGACCTANATGTTTTACAGANNACCTGTGTAAAAGAGAAACCCCTACAATG
TCAGGAATGCGGAAAGGCCTTTAGTCACAGCTCAGCACTTATCGAACACCACNCGACGCA
CACAGNAGAGAGACCTTATGAATGTCACGAATGCTTAAAAGGCTTNNCGNACAGCTCGGC
ACTTACCAACACCAGAGAATCCATC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003436 unedited
CGGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTCTGAGACAGAGTTTCACTCTT
GTTGCCCAGGCTGGAGTGCAATGGTACGATCTCAGCTCACTGCAACCTCCATCTCCCGAC
CTCAGGTGATCCTCCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCATAAGTCACCG
CGCCTAGCCAGCCAATGCAATTTCTAATGAGGGCAGCAAGTCACCATTTAAAGGTTATAG
TTGTCAGAAAGACTGCTATTTGTGGACTTAGGGTTTAACAAAATGTTAAATTGTATGAAA
ACAATGAAAAAGCAGTTTGAGAGGATTAACTTGAACATATCCCAAAAAAGATGAATCTTG
CAAAACAGAAGTTTCTAACATGAATTTGCTATTGCTTATAAGACGATGGTTTAACAAAGG
AAAAATCTCCCTTTTTGTAAAACAAATATCTGTGTTTCTAATGCGAGTTCTGCAGAGAAA
TGTANAGGGAGAACAGAGCAGCAAAAGCCATCTCAGAATCAGTGAGACTCTACGGAAGCA
GCTTTACATTNTGAGTCTTCCCATACAAAGCTTTTCAATCTCATTGCATATAAAGATTAA
TTGCAAAAATAATGCAGGGATATACTAAAAACCTGTTTATAGTACACTGATACTTTGTCA
TATGTAATTCCCATCTGTGACTGGCTGCCATGTACNCTGTNTCAACATTTACACCCAGAC
CAGACAGCTGTTTACTGAGAAAGTCAGTATCCATAGTGGATTCATAAAGATGCCCTTCTC
ATTTCTGAAACACTCTGCCATACTGTCATTTGGGAACTGATATCAGAACCAACTTGCACA
TTCATAACACCTTTCCCCCAAAATGTATGTGCAAAAATGGCAAATCCGACTTCATTTGGT
TTTGCAATATAAAGGCCTTGGTGGGGTTCCAACAANGAACCTCTTGGTTGGCAACGGGGA
ACCTGGAAAAACGCCCCTGACCACAACTGGTAATTTTTTTTGAGGTTTACCAACATATTG
GCTCAAGCCAAGGTGAGG

Restriction Sites: NotI-NotI

ACCN: NM_003436

Insert Size: 3460 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_003436.2, NP_003427.2

RefSeq Size: 3408 bp

RefSeq ORF: 3408 bp

Locus ID: 7694

UniProt ID: P52742

Cytogenetics: 19q13.43

Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) includes an alternate exon that results in a distinct 5' UTR and causes translation initiation at an alternate start codon, compared to variant 1. The encoded protein (isoform 2) has a shorter and distinct N-terminus, compared to isoform 1.