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Product datasheet for SC117969

ZNF85 (NM_003429) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF85 (NM_003429) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF85
Synonyms:	HPF4; HTF1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC117969 sequence for NM_003429 edited (data generated by NextGen Sequencing)

ATGGGACCATTGACATTTAGGGATGTGGCCATAGAATTCTCTCTGAAGGAGTGGCAATGC
CTGGACACTGCACAGCGGAATTTATATAGAAATGTGATGTTAGAGAACTACAGAAACCTG
GTCTTCCTGGGTATTACTGTTTCTAAGCCAGACCTGATCACTTGTCTGGAGCAAGGGAAA
GAGGCCTGGAGTATGAAGAGACATGAGATCATGGTGGCCAAACCCACAGTTATGTGTTCT
CATTTTGCCCAAGACCTTTGGCCGGAGCAGAATATAAAAGATTCTTTCCAAAAAGTGACA
CTGAAAAGATATGGAAAATGTAGACATGAAAATTTACCATTAAGAAAAGGCTGTGAAAGT
ATGGATGAGTGTAAGATGCACAAAGGAGGTTGTAATGGACTTAACCAATGTCTCACAGCT
ACCCAGAGCAAAATATTTCAATGTGATAAATATGTAAAAGTCGCTCATAAATTTTCAAAT
TCAAACAGACATGAGATAAGACATACTAAAAAGAAACCTTTCAAATGTACAAAATGTGGC
AAATCATTTGGCATGATTTCATGCCTAACTGAACATAGCAGAATTCATACTAGAGTAAAT
TTCTACAAATGTGAAGAATGTGGAAAAGCCTTTAACTGGTCCTCAACCCTTACTAAACAT
AAGAGAATTCATACGGGAGAGAAACCTTACAAATGTGAAGAATGTGGTAAAGCCTTTAAC
CAGTCCTCAAACCTTATTAAACATAAGAAAATTCATACTGGAGAGAAACCCTACAAATGT
GAAGAATGTGGCAAAACTTTTAACCGATTCTCAACTCTTACTACCCATAAGATAATTCAT
ACTGGAGAGAAACCCTACAAATGTAAAGAATGTGGTAAAGCTTTTAACCGATCTTCAACC
CTTACTACCCATAGAAAAATTCATACTGGAGAGAAACCTTACAAATGTGAAGAATGTGGC
AAAGCCTTTAAGCAGTCCTCAAACCTTACTACACATAAGATAATTCATACTGGAGAGAAA
CCCTACAAATGTAAAAAATGTGGAAAAGCCTTTAACCAGTCTGCACACCTTACCACACAT
GAGGTAATTCATACTGGAGAGAAACCCTACAAATGTGAAAAATGTGGAAAAGCCTTTAAT
CATTTCTCACACCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTTACAAATGT
AAAGAATGTGGTAAAGCTTTTAAACACTCTTCAACCCTTACTAAACATAAGATAATTCAT
ACTGGAGAGAAGCCTTACAAATGTAAAGAATGTGAAAAAGCTTTTAACCAATCCTCAAAA
CTTACTGAACATAAGAAAATTCATACTGGAGAGAAACCCTATGAATGTGAAAAATGTGGC
AAAGCTTTTAACCAGTCCTCAAATCTTACTAGACATAAGAAAAGTCATACAGAAGAGAAA
CCTTACAAATGTGAAGAATGTGGCAAAGGTTTTAAATGGCCCTCAACCCTTACTATCCAT
AAGATAATTCATACTGGAGAGAAACCATACAAATGTGAAGAATGTGGCAAAGCTTTTAAC
CAATCCTCAAAACTTACCAAACATAAGAAAATTCATACTGGAGAGAAACCCTACACATGT
GAAGAATGTGGCAAAGCCTTTAACCAGTCCTCAAACCTTACTAAACATAAGAGAATTCAT
ACTGGAGAAAAACCTTACAAATGTGAAGAATGTGACAAAGCTTTTAAATGGTCCTCAGTC
CTTACTAAACATAAGATAATTCATACCGGAGAAAAATTACAAATATGA

Clone variation with respect to NM_003429.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003429 unedited

GGGGTGCGNATTTTGTATACGACTCATATAGGCGGCCGCGNATTCGGCACGAGGGAGCTC
TAGGTCTTGTTTTCCCTGCTTTGTGTTTTCTGCTCGTGGACGCCCAGCCTCTGTGGCCCT
GTGGCCTGCAGGTATTGGGAGATCCACAGCTAAGACGCCGGGACCCCCTGGAAGCCTAGA
AATGGGACCATTGACATTTAGGGATGTGGCCATAGAATTCTCTCTGAAGGAGTGGCAATG
CCTGGACACTGCACAGCGGAATTTATATAGAAATGTGATGTTAGAGAACTACAGAAACCT
GGTCTTCCTGGGTATTACTGTTTCTAAGCCAGACCTGATCACTTGTCTGGAGCAAGGGAA
AGAGGCCTGGAGTATGAAGAGACATGAGATCATGGTGGCCAAACCCACAGTTATGTGTTC
TCATTTTGCCCAAGACCTTTGGCCGGAGCAGAATATAAAAGATTCTTTCCAAAAAGTGAC
CACTGAAAAGATATGGAAAATGTAGACACTGAAATTTACCATTAAGAAAAGGCTGTGAAA
GTATGGATGAGTGTAAGATGCACAAAGGAGGTTGCAATGGACTTAACCAATGTCTCACAG
CTACCCAGAGCAAAATATTTCAATGTGATAAATATGTAAAAGTCGCTCATAAATTTTCAA
ATTCCAACAGACATGAGATAAGACATACTCAAAAGCAACCCTTTCAAATGTACCAAATGG
TGGCAAATCATTTGGCCTGATTTCATGCCTACCTGAACATAGCACAATTCATACCACCAT
AAATCTCTACCAAAGTGAACACGCGGGAAAACCCTTAACTGGTCCTCACCCTTTACTAAC
ATAAGAGATTCTCCCGGAGAGAACCTCTCAAGGTGAAAATGTGGTAAGCCCTTAACCCGC
C

3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_003429 unedited
TTCGTCGGCCTCGCAAATCCTCAGCACTCCGCAGTTTCTTTCTTTCTTCTTTTTTTCCCA
TTCTATAATGCCTTTTATTAAGCACTTTCTGATGCTGCATAAGATGTGAGCAGACATTAA
CGGCTCTCCCCATTCTTTATATTTGTATACTTTTTCTCAACTACCACCCCTTTTCTGTGC
AGCAAGGTGTGAGCATAAATTAAGTTTTGCCACATTGTTCGCACTTGTAGCTTGTTCCCC
CATGATTTATTTTATTTAAAGCGCGACACCACTTTAAAGACTTTGCCCTAGCCTTCACAT
TTTTAGAATTTTTCACCACCATGATCACTTATCATAAGTCTGAGGCGCTGTCCAATTATT
GCCACCCCTCCCAGGTTACTACGTCTTCTTCCCCCCACCTCCCCCACGCTATTTCTCACC
CCCCACCGGACCCATTCTTTTTTTATTATTTATATAANGGGACCCCCCCCCCGGATCGAT
TCACCACCCCCTCATATTGTTTTAATTAATTCAAAAAACCCCGCCCCATTTCTACCTCCC
CCGGTTCCCCCCCCCCCATCTCCCCCCCCCTTCCCCCCCCCGAATAGTATCGTCTCCGCCCTC
TTTCAATTTAAAATATTATTTTTTCTTACCCACCCACTACCCCCCTCTTTCTTCCTCCCC
CCCTCTTCCTATTCCCTCTTTTCCCTCCCCTTCCGCGCCCCCCCCCCAACAAATACTTTAT
TTTTTTTTGTCTGCCCCCCCCCCCGCTTCTTTCCTTTTTCCCATTTTTAAAACGAGATAAC
GAGGAACGACCCCACCCCCCCCCCCCCCGCCCCCCTTCCCACCAAACCGAAAGAACAAATT
ACCTTGTTTTCGTTTTCCCTCCATCCCGTCCCCAATCCCCACTCACCCTTTTTCCACCTT
CTCTACTTTTACCCAGCACCTTTTCTCACACCCACGCCCCCCCTCCCTTGCTTCTATTCC
TCCATCCCTCGCTCCTTCTTTTTTAT
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Restriction Sites: NotI-NotI

ACCN: NM_003429

Insert Size: 2400 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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_003429.1, NP_003420.1

RefSeq Size:	2320 bp
RefSeq ORF:	1788 bp
Locus ID:	7639
UniProt ID:	Q03923
Cytogenetics:	19p12
Domains:	KRAB, zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	May be a transcriptional repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 3' coding region, compared to variant 3, resulting in an isoform (a) that is shorter than isoform c.