

Product datasheet for **SC113605**

ZNF83 (NM_018300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_018300) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113605 sequence for NM_018300 edited (data generated by NextGen Sequencing)

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ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGGATTAAC
CCGCAGTCACATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGGAAAATATATAAATAT
GATCACATGGAAAAATCTGTCAACAGTAGTTCCTTAGTTTCCCCACCCCAACGTATTTCT
TCTACTGTCAAAACCCACATTTCTCATACATATGAATGTAATTTTGTGGATTCATTATTC
ACACAAAAAGAGAAAAGCAAAATATTGGGACAGAACACTACAAATGTAGTGAGCGTGGCAAG
GCCTTTTCATCAAGGCTTACATTTTACTATACATCAAAATATCCACTAAAGAGACGCAA
TTTAAATGTGATATATGTGGCAAGATCTTCAATAAAAAATCAAACCTTGCAGTCATCAA
AGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGTCTTCCATAAT
ATGTCACACCTTGCACAGCATCGCAGGATTCATACTGGAGAGAAAACCATATAAATGTAAT
GAATGTGGCAAGGTCTTAAATCAAATTTACACCTTGCACAACATCAAAGAATTCATACC
GGAGAGAAAACCTTATAAATGTAATGAATGTGGAAAGGTCTTCCATCAAATTTACACCTT
GCACAACATCGGACAATTCATACTGGAGAAAAACCTTACGAATGTAACAAATGTGGCAAG
GTGTTTCAGTCGCAATTCCTACCTTGTACAACATCTGATCATTCACTGGAGAGAAAACCT
TACAGATGTAATGTATGTGGAAAGGTCTTCCATCATATTTACACCTTGCACAACATCAG
AGAATCCACACTGGAGAGAAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCACTCAC
AAGTCATCCCTAGTAAATCACTGGAGAATTCATACTGGAGAGAAAACCTTACAAATGTAAT
GAGTGTGGCAAGGTCTTCACTCACAAAGTCATCCCTAGTAAATCACTGGAGAAATCCACACT
GGAGAGAAAACCTTACAAATGTAATGAATGTGGCAAGGTCTTCACTCGCAATTCATACCTT
GCCCAACATCTGATAATTCATGCCGGTGGAGAAAANNNTATAAGTGTGATGAATGTGACAAA
GCATTAGTCAAAATTCACATCTTGTACAACATCACAGAATCCATACTGGAGAGAAAACCTT
TACAAATGTGATGAATGTGGCAAGGTCTTCACTGCAAAATTCATACCTTGCATATCATTTGG
AGAATTCATACTGGAGAGAAAAGCTTATAAATGTAATGAATGTGGAAAGGTCTTCCGTCTA
AACTCATCCCTAGCACATCATCGAAAATTCACACTGGAGAGAAAACCTTTCAAATGTAAT
GAATGTGGCAAGCTTTTATGATGCGTTCAAGCCTCACTAATCATCATGCGATCCACACT
GGAGAGAAAACCTTCAAATGTAATGAATGTGGCAAACTCTTCCGCGACAATTCATATCTT
GTACGTCATCAGAGATTTTCATGCCGAAAGAAATCTAACACATGTAATTA

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Clone variation with respect to NM_018300.3
 1114 c=>n;1115 c=>n;1116 t=>n

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_018300 unedited
TGTAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGGCACATGTCTGTAAT
CCCAGGTACTAGAAAAGGCTAAGGTAAGATTATCACCTGAGCCTGGGAGGCAATGGTTGCA
GTGGCACAAATCTCGGCTCACCACCACCTCCGCCTCCCGGGTTCAAGCGATTCTCCCGCCT
CAGCCTCAGAAGTTGCTGGAATTACAGGTATTTTTTCTAAATGTGAGATCAAGGAATTAC
CACCAAAAAAGGAGAGTAATACAGGAGAAATATTCCAGACAGTAATGTTGGAAAGACATG
AAAGCCACGCATACAAGATTTTGTCTTCAAGAGAAACCCAGAAAATGTACATGACTCTC
AGTGTCTGTGGAAACATGATTGAAGACATTATAAGCGAGTGCCTGTGACCTATAAGGAAA
GTCTCATTGGTAGAAGAGACATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTA
AAAATCAGCTTGGATTAACCCGAGTCACATCTACCAGAAGTGCAGCTATTTCAAGCTG
AAGGGAAAATATATAAATATGATCACATGGAAAAATCTGTCAACAGTAGTTCCTTAGTTT
CCCCACCCCAACGTATTTCTTCTACTGTCAAACCCACATTTCTCATACATATGAATGTA
TTNTGTGGATTCATTATTCACACAAAAAGAGAAAAGCANATATTGGGACAGAACACTACAA
ATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTNTACTATACATCANNATAT
CCATACTAAAGAGAACGCATTTAATGTGATATATGTGGGACAGATCCTTCAAAAAATCAA
CCTTTTGCAGTCATCAAGAATTCATACTGGAGAGAAGCCATATAATGTNATGAATGGTGGC
AGGGTCTTCCATATT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018300 unedited ATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACATTTGCCTGGTTTTATTGAGTGGATC TCTCACGACAAAATCATGAATATTACACNTGAAAGGCTTATTACATTATCTTTGTGTAGT TACTCTCCAGTATAAACCTGTGATGTTCCGGTTTTGATGCCTGGGTAAGCTTAAGCA TGCACGTTACATTTGTATGGTTTCATCAAAAAGTTTTTGATGCCTAGTGAGACTTTGGC CTGCGGAAAATCTCTATCACATAAATTATTATAAATGCTCTTTAGTATGGATTCTCTGA TGTTGATGAATGTTGAAGTCATAATGGTTTCCCACTCTCAGTGTTTTTGTTTCTCTCAA GCATGAATTTTTGCAATATTGTACAATGTGAGAATTGTGCCAGAAGACCTTGCCACATTC ATTACATTTGTTAGGTTTCTCACCAGCAAGAATCTTTGAAGAATCCTGGTCTCAGATTT TACCTTAAGACCTTGCCACATTCAGTACATTAGTAAAGTTTCTGCTCTATGGTCTAGC TAACGGTTATTAAGCCTTTGACAAAACTAAAGGCTCTGCTACATTCATTATACTTGCAA AGTTTTTCTCCAGTATAAATTATTGTATGTCTTACAAGGCTTTAATGCTAACTGAACACT CTGCCACATTAATTACATGNTGTTAGATTTCTTTGGGCATGAAAATCTCTGATGACGTA CCAGATATGAATTGTTGCCGGAAGAGTTGCCCATTCATTACATTGAAAATGTTCTCTC CANTGGGATCCCATGATGTTANTGAGCCTTGACCCTACTAAAACCTGGCAATTCTTACAT TTGAAGGTTCTCTCATGTGAATTTCCGAGAAGGCTTGGATGAGTTACACGAAACCTCCA ATCTTACTTTATAACTTTTTCCACTGATTTCCAGGATGCCAGGTGAATTGCCGAAACTTG CCTTCTCCATTTAGGTTTCTCAATGGATCTGAAGTGCCAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_018300
Insert Size:	2770 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:	<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_018300.2 , NP_060770.2
RefSeq Size:	2633 bp
RefSeq ORF:	2622 bp
Locus ID:	55769
UniProt ID:	P51522
Cytogenetics:	19q13.41
Domains:	zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 1. All variants (1-5 and 10-21) encode the same protein.