

Product datasheet for **RC238669**

ZNF83 (NM_001277945) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001277945) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>RC238669 representing NM_001277945
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGATTAAACCCGAGTCAC
ATCTACCAGAAGCTGCAGCTATTTCAAGCTGAAGGGAAAAATATATAAATATGATCAGTGGAAAAATCTGT
CAACAGTAGTTTCCTTAGTTTCCCCACCCCAACGATTTTCTTACTGTCAAAACCCACATTTCTCATACA
TATGAATGTAATTTGTGGATTCATTATTCACACAAAAAGAGAAAAGCAAATATTGGGACAGAACTACA
AATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCATACTAA
AGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTCAATAAAAAATCAAACCTTGCAAGTCATCAA
AGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGTCTCCATAATATGTCACACC
TTGCACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAGGTCTTTAA
TCAAATTTACACCTTGACAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGTAATGAATGT
GGAAAGGTCTCCATCAAATTTACACCTTGACAACATCGGACAATTCATACTGGAGAAAAACCTTACG
AATGTAACAAATGTGGCAAGGTGTTCACTCGCAATTCCTACCTTGTAACAACATCTGATCATTCACTGG
AGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCCATCATATTTACACCTTGACAACATCAG
AGAATCCACACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCACTGACAAGTCATCCC
TAGTAAATCACTGGAGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCA
TCACAAGTCATCCCTAGTAAATCACTGGAGAAATCCACACTGGAGAGAAACCTTACAAATGTAATGAATGT
GGCAAGGTCTTCACTCGCAATTCATACCTGCCAACATCTGATAATTCATGCCGGTGGAGAAACCTTATA
AGTGTGATGAATGTGACAAAGCATTCACTGCAAAATTCACATCTTGTACAACATCACAGAATCCATACTGG
AGAGAAACCTTACAAATGTGATGAATGTGGCAAAGTCTTCACTGCAAAATTCATACCTTGCATATCATTGG
AGAATTCATACTGGAGAAAAAGCTTATAAATGTAATGAATGTGGGAAAGGTCTTCCGTCTAAACTCATCCC
TAGCACATCATCGGAAAATTCACACTGGAGAGAAACCTTCAAATGTAATGAATGTGGCAAAGCTTTTAG
TATGCGTTCAAGCCTCACTAATCATCATGCGATCCACACTGGAGAGAAACCTTCAAATGTAATGAATGT
GGCAAACCTTCCGCGACAATTCATATCTTGTACGTCATCAGAGATTTTCATGCCGAAAGAAATCTAACA
CATGTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238669 representing NM_001277945
Red=Cloning site Green=Tags(s)

MHGRKDDAQKQPVKNLGLNPQSHLPELQLFQAEKIKYDHEKSVNSSSLVSPQRISSVTKTHISHT
YECNFVDSLFTQKEKANIIGTEHYKCSERKAFHQGLHFTIHQIIHTKETQFKCDICGKIFNKKSNLASHQ
RIHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQIISHLAQHQRIHTGEKPYKCNEC
GKVFHQIISHLAQHRIHTGEKPYECNKCGKVF SRNSYL VQHLI IHTGEKPYRCNVCGKVFHIIISHLAQHQ
RIHTGEKPYKCNECGKVF SHKSSLVNHWR IHTGEKPYKCNECGKVF SHKSSLVNHWR IHTGEKPYKCNEC
GKVF SRNSYL AQHLI IHAGEKPYKCDECDKAFSQNSHLVQHRIHTGEKPYKCDECGKVF SQNSYLAYHW
RIHTGEKAYKCNECGKVFGLNSSLAHHRKIHTGEKPFKCNECGKAF SMRSSL TNHHA IHTGEKHFKCNEC
GKLF RDNSYLVRHQRFHAGKKSNTCN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001277945
ORF Size:	1548 bp
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001277945.1 , NP_001264874.1
RefSeq Size:	3017 bp
RefSeq ORF:	1551 bp
Locus ID:	55769
UniProt ID:	P51522
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
MW:	60.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]