

Product datasheet for **RC239008**

ZNF285 (NM_001291489) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF285 (NM_001291489) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF285
Synonyms:	ZNF285A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239008 representing NM_001291489
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTAAGTTCAGAAAGGGTGACATTC AAGGATGTGGCTGTTGTCTTACCAAGGAAGAGCTGGCAC
 TATTGGATAAAGCCAGATAAACCTGTACCAAGATGTGATGCTGGAAAACCTCAGGAACCTCATGTTAGT
 GAGAGACGGGATTAACCAACATTTTGAATCTTCAGGCAAAGGGTTAAGTTACCTTTCGCAAGAAGTG
 CTTCAATTGCTGGCAGATTTGAAACAAAGGATCCGGGATTTAACTGTGAGTCAGGATTATATCGTGAACC
 TTCAAGAAGAGTGTCCCCACATTTAGAAGATGTTCCCTCAGTGAAGAGTGGCAGGCATTTCTCTTCA
 GATTTCTGAAAATGAAAATATGTAGTAAATGCCATTATCAAAAATCAAGATATCACAGCATGGCAAAGC
 CTGACACAGGTTCTTACCCAGAATCGTGGAGGAAAGCCAACATAATGACCGAGCCCAAGACTCTCAGG
 GAAGATAAAGGGAATTTACATGGAAGAGAAATTTGACAGACGTGCTCAGCATGATGACAGCCTCAGTTG
 GACCTCATGTGATCATCATGAGTCCAAGAATGTAAGGAGAGGACCCTGGTAGACATCCAGCTGTGGG
 AAAAATTGGGTATGAAATCAACGGTTGAAAACGTAATGCGGCCATGTATTACCAAGCCTTTCCTAT
 GTAATAACTGTGGGGTGGCCTTTCAGATGATACAGATCCTCATGTCCATCACAGCACTCACCTAGGAGA
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 ACATTCACAGAGAGTCCACACAGGGGAGAAACCATACAATGCAATGTGTGTTGAAAGGATTTTGCCTA
 TAGCTCTGTTCTTACACTCATCAGAGAGTTCACACTGGAGAAAAACCATATAAATGTGAAGTGTGGA
 AAGTGCTTCAAGTACAGTTCATATTTTCACTTACATCAAAGAGATCACATCAGAGAGAAACCATATAAAT
 GTGATGAGTGTGGTAAAGGCTTCAGCCGAATTCAGATCTTAATGTTACCTCAGAGTCCACACAGGAGA
 GAGGCCCTATAAGTGAAGGCATGTGGTAAAGGCTTCAGTCGTAATTCATACCTCCTTCCCATCAGAGA
 GTGCATATAGATGAGACACAGTACACACTGTGAGCGTGGAAAGGACCTTCTGACTCATCAAAGACTAC
 ATGAGCAGAGAGAAACATTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239008 representing NM_001291489
 Red=Cloning site Green=Tags(s)

MIKFQERVTFKDVAVVFTKEELALLDKAQINLYQDVMLNFRNMLVRDGIKNNILNLQAKGLSYLSQEV
 LHCWQIWKQIRIDLTVSQDYIVNLQEESPHLEDVSLSEEWAGISLQISENENYVNAI IKNQDITAWQS
 LTQVLTPESWRKANIMTEPQNSQGRYKGIYMEELK YRRAQHDDSLSWTSCDHHESEQECKGEDPGRHPSCG
 KNLMGKSTVEKRNAHVLPQPFPCNNGVAFADDDPHVHSTHLGEKSYKCDQYKGNFSQSQDLIVHCK
 THSGKTPYEFHEWPMGCKQSSDLPRYQKVSSGDKPYKCKEKGKFRSSSLHNNHRVHTGEMPYKDECG
 KGFGRSLLCIHQGVHTGKPKYCECGKGFQSSNLLVHQRVHTGEKPYKCECGKCFSSSVLQVHWR
 FHTGEKPYRCGECGKFSQCTHLHIHQRVHTGEKPYKCNVCGKDFAYSSVLHHTQRVHTGEKPYKCEVCG
 KCFSSSYFHLHQRDHIREKPYKDECGKFSRNSDLNVHLRVHTGERPYKCKACGKFSRNSYLLAHR
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

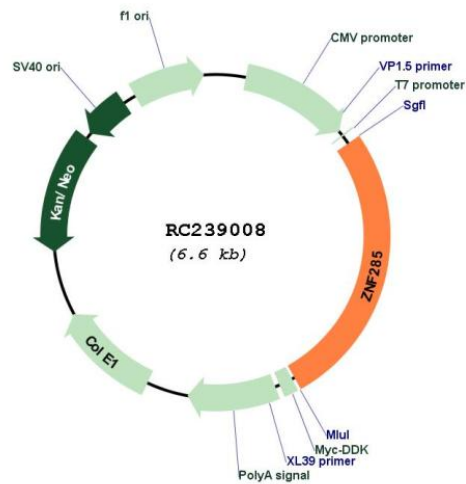
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001291489

ORF Size: 1770 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_001291489.2
RefSeq Size:	2794 bp
RefSeq ORF:	1773 bp
Locus ID:	26974
UniProt ID:	Q96NJ3
Cytogenetics:	19q13.31
Protein Families:	Transcription Factors
MW:	68.6 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]