

Product datasheet for **RC238223**

ZNF285 (NM_001291491) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF285 (NM_001291491) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF285
Synonyms:	ZNF285A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238223 representing NM_001291491
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGAGCCCCAGAACTCTCAGGGAAGATATAAGGGAATTTACATGGAAGAGAAATTTGTACAGACGTG
 CTCAGCATGATGACAGCCTCAGTTGGACCTCATGTGATCATCATGAGTCCCAAGAATGTAAGGAGAGGA
 CCCTGGTAGACATCCCAGCTGTGGGAAAAAATTGGGTATGAAATCAACGGTTGAAAAACGTAATGCGGCC
 CATGTATTACCACAGCCTTTCCCATGTAATAACTGTGGGTGGCCTTTGCAGATGATACAGATCCTCATG
 TCCATCACAGCACTCACCTAGGAGAAAAATCTTATAAATGTGACCAGTATGGAAGAAGCTTTAGTCAGAG
 CCAAGATCTTATCGTTCATTGTAAGAACTCACTCTGGCAAGACTCCCTATGAATCCACGAATGGCCTATG
 GGCTGCAAACAGAGCTCAGACCTTCCAGATATCAGAAAGTCTCCTCAGGAGACAAACCTACAAATGTA
 AAGAATGTGGCAAGGGCTTCAGGCGCAGCTTCCCTTACAACCATCATCGAGTCCACACAGGGGAGAT
 GCCCTACAAATGCGATGAATGTGGGAAAGGGTTGGATTTAGGTCACTTCTTTGTATTATCAGGGAGTA
 CACACAGGAAAAAGCCCTATAAATGTGAAGAGTGTGGGAAGGGCTTTGATCAGAGCTCCAACTTCTTG
 TCCATCAGAGAGTCCACACTGGAGAGAAGCCCTACAAATGCAGTGAAGTGTGGCAAGTGTCTTAGTTCAAG
 CTCCGTTCTTCAAGTCCACTGGAGGTTTACACAGGGGAGAAACCATATAGGTGTGGTGAAGTGTGGAAA
 GGCTTCAGCCAATGTACACACCTTACATTCACAGAGAGTCCACACAGGGGAGAAACCATACAAATGCA
 ATGTGTGTGGAAAGGATTTTGCCTATAGCTCTGTTCTTACACTCATCAGAGAGTTCACACTGGAGAAAA
 ACCATATAAATGTGAAGTGTGTGGAAAGTGCTTACAGTTACAGTTACATATTTTCACTTACATAAAGAGAT
 CACATCAGAGAGAAACCATATAAATGTGATGAGTGTGGTAAAGGCTTCAGCCGGAATTCAGATCTTAATG
 TTCACCTCAGAGTCCACACAGGAGAGAGGCCCTATAAGTGAAGGCATGTGGTAAGGGCTTCAGTCGTAA
 TTCATACCTCCTTGCCCATCAGAGAGTGCATATAGATGAGACACAGTACACACTGTGAGCGTGGAAAG
 GACCTTCTGACTCATCAAGACTACATGAGCAGAGAGAAACATTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238223 representing NM_001291491
 Red=Cloning site Green=Tags(s)

MTEPQNSQGRYKGIYMEEKLYRRAQHDDSLSWTSCDHESQECKGEDPGRHPSCGKNLGMKSTVEKRNAA
 HVLPPFPFCNCGVAFADDDPHVHHSTHLGEKSYKCDQYGNFSQSQDLIVHCKTHSGKTPYEFHEWPM
 GCKQSSDLPRYQKVSSGDKPYKCEKCGKFRSSSLHNHHRVHTGEMPYKCECGKGFGRSLLCIHQGV
 HTGKKPYKCEECGKGFQSSNLLVHQRVHTGEKPYKCECGKCFSSSSVLQVHWRVHTGEKPYRCGECGK
 GFSQCTHLHIHQRVHTGEKPYKCNVCGKDFAYSSVLHTHQRVHTGEKPYKCEVCGKCFSSSYFHLHQVD
 HIREKPYKCECGKGFSRNSDLNVHLRVHTGERPYKCKACGKGFSRNSYLLAHQRVHIDEQYTHCERK
 DLLTHQRLHEQRETL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001291491

ORF Size: 1305 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:**
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_001291491.2](#)

RefSeq Size: 2576 bp

RefSeq ORF: 1308 bp

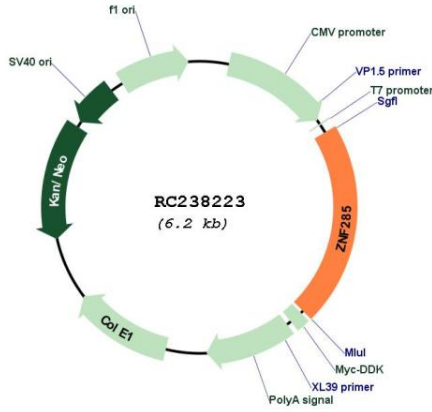
Locus ID: 26974

UniProt ID: [Q96NJ3](#)

Cytogenetics: 19q13.31

Protein Families: Transcription Factors
 MW: 50 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238223