

## Product datasheet for **RC213980**

### ZNF284 (NM\_001037813) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF284 (NM_001037813) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF284
Synonyms:	ZNF284L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC213980 representing NM\_001037813  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCATGTTCAAGGAGCAGTGACCTTCAAGGATGTGGCTGTGGTCTTACCAGGAGGAGCTGGGGC  
 TGCTGGACGTTTCCAGAGGAAGCTGTATCGAGATGTCATGCTGGAGAATTCCAGAAACCTGCTATCAGT  
 GGGGCATCAACTTCCACCCGAGATACTTTCACTTCCAAAGAGAAGAAAAGTTTGGATCATGGAGACA  
 GCAACCCAAAGAGAAGGGAATTCAGGAGCAAGATCCAACTGAGTTGGAGTCTGTTCCAGAAAACAGGAC  
 CACATGAAGAGTGGTCTTGCCAGCAAATCTGGGAACAACTGCAAGTGAGTTAACTAGACCTCAAGACTC  
 CATAAGTAGTCTCAGTTCTCCACACAAGGTGATGTCCCCTCCAGGTTGACGCAGGACTATCTATAATT  
 CACATAGGAGAGACCTTCTGAGCATGGGAAGTGTAAAAAATCTTCAGTGATGTCTCCATCCTTGATC  
 TTCATCAACAATTACACTCAGGAAAGATATCCCATACATGTAATGAGTACAGGAAGAGATTCTGTTATAG  
 CTCAGCTCTTTGCTTTCATCAGAAAGTTACATGGGAGAGAAACGCTATAAGTGTGATGTGTAGTAAG  
 GCATTTAGTCAGAACTCAAACTGCAAACCTCATCAGAGAATCCACTGGAGAGAAAACCATTCAAATGTG  
 AGCAGTGTGGGAAAAGTTTCAGCCGTAGATCAGGAATGTATGTTCAATTGCAAATTACACACAGGAGAAAA  
 ACCTCATATTTGTGAGGAATGTGGGAAGGCCTTCAATTCACAAATCCAGCTTCGGGAACATCAAAGAATC  
 CATACTGGGGAGAAGCCATTCAAATGTTATATATGTGGTAAGAGCTTCCATAGTAGATCAAATCTTAATA  
 GGCATTCATGGTCCACATGCAAGAGAAATCATTTAGATGTGATACCTGTAGTAATAGCTTTGGTCAGAG  
 ATCAGCACTTAATAGTCATTGCATGGACCACAAAAGAGAACTATACAAATGTGAAGAATGTGGGAAGG  
 AGCTTCACTTGTAGGCAAGATCTTTGTAAGCATCAGATGGACCATACAGGAGACAAACCATATAATTGTA  
 ATGTATGTGGGAAGGGCTTCAGTGGTCCCTCATGTCTTTCAAGACATCAGCGGGTCCACAATGGAGAAA  
 AACATTCAGTGCAGCGGATGTGGGAAGAGATTTTATATGAATTCACAGGGCCATTACATCAGAGAGCC  
 TATAGAGAAGAAGAACTGTATAATGTCAGAAAGTGTGGGAAGGGCTACATTAGTAAGTTTAACTTGACT  
 TGCACCAGAGGGTCCACACGGGAGAGAGACCTTATAATTGTAAGGAATGTGGAAAGAGCTTCAGGTGGGC  
 CTCAGGTATTTGAGACATAAGAGACTCCATACTGGAGAAAAACCATTCAAATGTGAAGAGTGTGGGAAG  
 AGGTTTACTGAGAATTCAAAACCTCGTTTCCATCAAAGAATTCACACTGGAGAAAAGCCTTACAAATGTG  
 AGGAGTGTGGAAAGGGATTAGATGGGCCTCAACTCATCTAACCCATCAAAGACTCCACAGCAGAGAAAA  
 ACTATTCCAATGTGAGGATTGTGGGAAGAGCAGTGAGCACAGTTCATGCCTTCAAGACCAACAAAGCGAC  
 CACAGTGGAGAAAAACATCCAAATGTGAGGACTGTGGGAAGCGCTACGAGAGGCGCTTGAATCTAGATA  
 TGATTTTATCATTATTTTAAATGATATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC213980 representing NM\_001037813  
 Red=Cloning site Green=Tags(s)

MTMFKEAVTFKDVAVVFTEEELGLLDVSRKLYRDMLENFRNLLSVGHQLSHRDTFHFQREEKFWIMET  
 ATQREGNSGGKIQTTELESVPETGPHEEWSQQIWEQTASELTRPQDSISSQFSTQGDVPSQVDAGLSII  
 HIGETPSEHGKCKKFFSDVSILDLHQQLHSGKISHTCNEYRKRFCYSSALCLHQKVMHGEKRYKCDVCSK  
 AFSQNSQLQTHQRIHTGEKPFKCEQCGKSFRRSGMYVHCKLHTGEKPHICECGKAFIHNSQLREHQRI  
 HTGEKPFKCYICGKSFHRSNLNRHSMVHMQEKSFRCDTCSNSFGQRSALNSHCMDHTKEKLYKCEECGR  
 SFTCRQDLCKHQMDHTGDKPYNCNVCGKFRWSSCLSRHQRVHNGETTFKCDGCGKRFYMNSQGHSHQRA  
 YREEELYKCQKCGKYISKFNLDLHQRVHTGERPYNCKEKGKSFRAWGILRHKRLHTGEKPFKCEECGK  
 RFTENSKLRFHQRIHTGEKPYKCEECGKFRWASTHLTHQRLHSREKLFQCEDCGKSSSEHSSCLDQDQSD  
 HSGEKTSKCEDCGKRYERRLNLDMLSLFLNDI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8029\\_a11.zip](https://cdn.origene.com/chromatograms/mk8029_a11.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001037813

ORF Size: 1779 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\\_001037813.4](#)

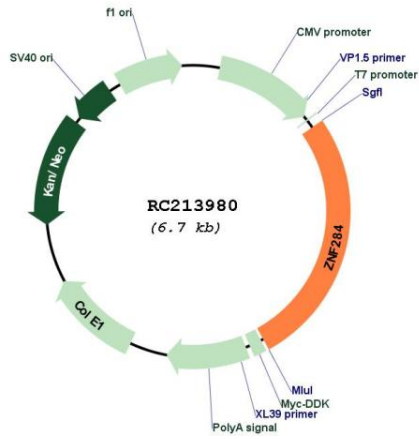
RefSeq Size: 2223 bp

RefSeq ORF: 1782 bp

Locus ID: 342909

UniProt ID: [Q2VY69](#)  
 Cytogenetics: 19q13.31  
 MW: 68.8 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC213980