

## Product datasheet for **RC214828**

### ZNF266 (NM\_006631) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF266 (NM_006631) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF266
Synonyms:	HZF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC214828 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGAGAACTACAAGAATTTGGCCACAGTAGGATATCAGCTCTTCAAACCCAGTCTGATCTCTTGGC  
 TGGAAACAAGAAGAGTCTAGGACAGTGCAGAGAGGTGATTTCCAAGCTTCAGAATGGAAAGTGCAACTTAA  
 AACCAAAGAGTTAGCCCTTCAGCAGGATGTTTTGGGGGAGCCAACCTCCAGTGGGATTCAAATGATAGGA  
 AGCCACAACGGAGGGGAGGTGAGTGTAAAGCAATGTGGAGATGTCTCCAGTGAACACTCATGCCTTA  
 AGACACATGTGAGAACTCAAAATAGTGAGAACACATTTGAGTGTATCTGTATGGAGTAGACTTCCTTAC  
 TCTGCACAAGAAAACCTCTACTGGAGAGCAACGTTCTGTATTTAGTCAGTGTGAAAAGCCTTCAGCCTG  
 AACCCAGATGTTGTTGCCAGAGAACGTGCACAGGAGAGAAAGCTTTTGATTGCAGTGACTCTGGGAAAT  
 CCTTCATTAATCATTACACCTTCAGGGACATTTAAGAACTCACAATGGAGAAAGTCTCCATGAATGGAA  
 GGATGTGGGAGAGGCTTTATTCCTCCACAGACCTTGCTGTGCGTATACAACTCACAGTGCAGAAAAA  
 CCCTACAAATGTAAGGAATGTGGAAAAGGATTTAGATATTCGCATACCTTAATATTCACATGGGAACCC  
 ACACTGGAGACAATCCCTATGAGTGAAGGAGTGTGGAAAGCCTTCACCAGGTCTTGCAACTTACTCA  
 GCACAGAAAACTCACACTGGAGAGAAACCTTATAAATGTAAGGATTGTGGGAGAGCCTTCACTGTTTCC  
 TCTTGCTTAAGTCAACATATGAAAATCCATGTGGGTGAGAAGCCTTATGAATGCAAGGAATGTGGGATAG  
 CCTTCACTAGATCTTCTCAACTTACTGAACATTTAAAACTCACACTGCAAAGGATCCCTTTGAATGTAA  
 GATATGTGGAAAATCCTTTAGAAATTCCTATGCCTCAGTGATCACTTTGCAATTCACACTGGAATAAAA  
 CCCTATAAATGTAAGGATTGTGGAAAAGCCTTCACTCAGAACTCAGACCTTACTAAGCATGCACGAACTC  
 ACAGTGGAGAGAGGCCCTATGAATGTAAGGAATGTGGAAAAGCCTTTGCCAGATCCTCTCGCCTTAGTGA  
 ACATACAAGAACTCACACTGGAGAGAAGCCTTTTGAATGTCAAATGTGGAAAAGCCTTTGCTATTTCT  
 TCAAATCTTAGTGGACATTTGAGAATTCACACTGGAGAGAAGCCCTTTGAGTGCCTGGAATGTGGTAAAG  
 CATTTACGCATTCTCCAGTCTTAATAATCACATGCGGACCCACAGCGCCAAAAAACCATTCACGTGTAT  
 GGAATGTGGCAAAGCCTTTAAGTTTCCACGTGTGTTAACCTTCACATGCGGATCCACACTGGAGAAAAA  
 CCCTACAAATGTAACAGTGTGGAAAATCCTTCAGTTACTCCAATTCGTTTCAGTTACATGAACGAACTC  
 ACACTGGAGAGAAACCTATGAATGTAAGGAGTGGGAAAAGCCTTCAGTCTTCCAGTTCCTTTGAAA  
 TCATGAAAGAAGGCATGCGGATGAGAGACTGTCAGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC214828 protein sequence  
 Red=Cloning site Green=Tags(s)

MLENYKNLATVGYQLFKPSLISWLEQEEERTVQRGDFQASEWKVQLKTKELALQQDVLGEPTSSGIQMIG  
 SHNGGEVSDVKQCGDVSSEHSCLKTHVRTQNSSENTFECYLYGVDFLTLHKKTSTGEQRSVFSQCGKAFSL  
 NPDVVCQRTCTGEKAFDCSDSGKSFINHSHLQGHRLRTHNGESLHEWKECGRGFHSTDLAVRIQTHRSEK  
 PYKCKEKGKFRYSAYLNIHMGHTGDNPYECKEKGKAFTRSCQLTQHRKTHTGEKPYKCKDCGRAFTVS  
 SCLSQHMKIHVGEKPYECKEKGIAFTRSSQLTEHLKHTAKDPFECKICGKSFRNSSCLSDHFRIHTGKIK  
 PYKCKDCGKAFQNSDLTKHARTHSGERPYECKEKGKAFARSSRLSEHTRTHTGEKPFECVKCGKAFKAFIS  
 SNLSGHLRIHTGEKPFECLECGKAFTHSSSLNNHMRTHSAKKPFTCMECGKAFKFPFCVNLHMRIHTGKIK  
 PYKCKQCGKSFYSNSFQLHERHTHTGEKPYECKEKGKAFSSSSSFRNHERRHADERLSA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk6473\\_h10.zip](https://cdn.origene.com/chromatograms/mk6473_h10.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_006631

**ORF Size:** 1647 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\\_006631.3](#)

**RefSeq Size:** 3790 bp

**RefSeq ORF:** 1650 bp

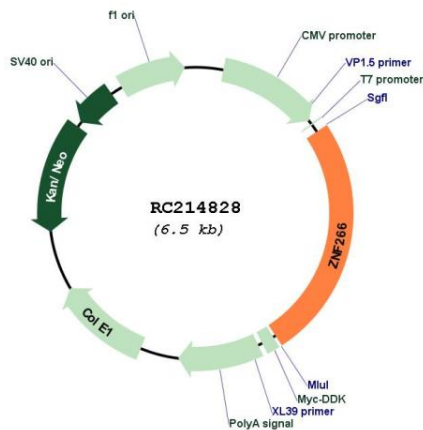
**Locus ID:** 10781

**UniProt ID:** [Q14584](#)

Cytogenetics: 19p13.2  
Domains: zf-C2H2  
Protein Families: Transcription Factors  
MW: 62.1 kDa

**Gene Summary:** This gene encodes a protein containing many tandem zinc-finger motifs. Zinc fingers are protein or nucleic acid-binding domains, and may be involved in a variety of functions, including regulation of transcription. This gene is located in a cluster of similar genes encoding zinc finger proteins on chromosome 19. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Sep 2012]

### Product images:



Circular map for RC214828