

Product datasheet for **RC234417**

ZNF266 (NM_001271314) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF266 (NM_001271314) 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:

>RC234417 representing NM_001271314
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGAGAACTACAAGAATTTGGCCACAGTAGGATATCAGCTCTTCAAACCCAGTCTGATCTCTTGGC
 TGGAAACAAGAAGAGTCTAGGACAGTGCAGAGAGGTGATTTCCAAGCTTCAGAATGGAAAGTGAACCTTAA
 AACCAAAGAGTTAGCCCTTCAGCAGGATGTTTTGGGGAGCCAACCTCCAGTGGGATTCAAATGATAGGA
 AGCCACAACGGAGGGGAGGTGAGTGTAAAGCAATGTGGAGATGTCTCCAGTGAACACTCATGCCTTA
 AGACACATGTGAGAACTCAAAATAGTGAGAACACATTTGAGTGTATCTGTATGGAGTAGACTTCCTTAC
 TCTGCACAAGAAAACCTCTACTGGAGAGCAACGTTCTGTATTTAGTCAGTGTGAAAAGCCTTCAGCCTG
 AACCCAGATGTTGTTGCCAGAGAACGTGCACAGGAGAGAAAGCTTTTGATTGCAGTGACTCTGGAAAT
 CCTTCATTAATCATTACACCTTCAGGGACATTTAAGAACTCACAAATGGAGAAAGTCTCCATGAATGGAA
 GGATGTGGGAGAGGCTTTATTCCTCCACAGACCTTGCTGTGCGTATACAACTCACAGTGCAGAAAAA
 CCCTACAAATGTAAGGAATGTGGAAAAGGATTTAGATATTCGCATACCTTAATATTCACATGGGAACCC
 AACTGGAGACAATCCCTATGAGTGAAGGAGTGTGGAAAGCCTTCACCAGGTCTTGCAACTTACTCA
 GCACAGAAAACTCACACTGGAGAGAACTTATAAATGTAAGGATTGTGGGAGAGCCTTCACTGTTTCC
 TCTTGCTTAAGTCAACATATGAAAATCCATGTGGGTGAGAAGCCTTATGAATGCAAGGAATGTGGGATAG
 CCTTCACTAGATCTTCTCAACTACTGAACATTTAAAACTCACACTGCAAAGGATCCCTTTGAATGTAA
 GATATGTGGAAAATCCTTTAGAAATTCCTATGCCTCAGTGATCACTTTCGAATTCACACTGGAATAAAA
 CCCTATAAATGTAAGGATTGTGGAAAAGCCTTCACTCAGAAGTGCAGACCTTACTAAGCATGCACGAACTC
 ACAGTGGAGAGAGGCCCTATGAATGTAAGGAATGTGGAAAAGCCTTTGCCAGATCCTTCGCCTTAGTGA
 ACATACAAGAAGTCACTGAGAGAGAAAGCCTTTGAATGTGCAATGTGGAAAAGCCTTTGCTATTCTCT
 TCAAATCTTGTGACATTTGAGAAATCACACTGGAGAGAAAGCCTTTGAGTGCCTGGAATGTGGTAAAG
 CATTTACGCATTCTCCAGTCTTAATAATCACATGCGGACCCACAGCGCAAAAAACCATTACAGTGTAT
 GGAATGTGGCAAAGCTTTAAGTTTCCACGTGTGTTAACCTTCACATGCGGATCCACACTGGAGAAAAA
 CCCTACAAATGTAACAGTGTGGAAAATCCTTCACTTCAATTCGTTTCAGTTACATGAACGAACTC
 AACTGGAGAGAAACCTATGAATGTAAGGAGTGCAGGAAAGCCTTCAGTCTTCCAGTCTCTTCGAAA
 TCATGAAAGAAGGCATGCGGATGAGAGACTGTCAGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234417 representing NM_001271314
 Red=Cloning site Green=Tags(s)

MLENYKNLATVGYQLFKPSLISWLEQEEESRTVQRGDFQASEWKVQLKTKELALQQDVLGEPTSSGIQMIG
 SHNGGEVSDVKQCGDVSSEHSCLKTHVRTQNSSENTFECYLYGVDFLTLHKKSTSTGEQRSVFSQCGKAFSL
 NPDVVCQRTCTGEKAFDCSDSGKSFINHSHLQGHRLRTHNGESLHEWKECGRGFHSTDLAVRIQTHRSEK
 PYKCKEKGKFRYSAYLNIHMGHTGDNPYECKEKGKAFTRSCQLTQHRKTHTGEKPYKCKDCGRAFTVS
 SCLSQHMKIHVGEKPYECKEKGIAFTRSSQLTEHLKTHAKDPFECKICGKSFRNSSCLSDHFRIHTGIK
 PYKCKDCGKAFQNSDLTKHARTHSGERPYECKEKGKAFARSSRLSEHTRTHTGEKPFECVKCGKAFKAFIS
 SNLSGHLRIHTGEKPFECLECGKAFTHSSSLNNHMRTHSAKKPFTCMECGKAFKFPFCVNLHMRIHTGEK
 PYKCKQCGKSFYSNSFQLHERHTHTGEKPYECKEKGKAFSSSSSFRNHERRHADERLSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6473_h10.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001271314

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_001271314.1](#), [NP_001258243.1](#)

RefSeq Size: 3739 bp

RefSeq ORF: 1650 bp

Locus ID: 10781

UniProt ID: [Q14584](#)

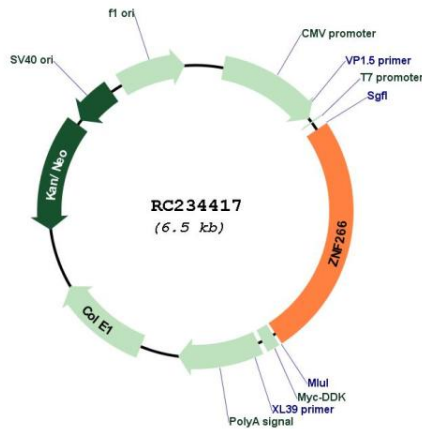
Cytogenetics: 19p13.2

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 RC234417