

Product datasheet for **RC239533**

ZNF227 (NM_001289173) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF227 (NM_001289173) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF227
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239533 representing NM_001289173
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCATCTCAGAACTATGACCTTCCCCAGAAGAAGCAGGAGAAAATGACCAAGTTTCAGGAGGCTGTGA
 CATTCAAGGATGTGGCTGTGGTCTTCTCCAGGGAGGAAGCTGCGACTGCTCGATCTTACCCAGAGGAAGCT
 GTACCGAGATGTCATGGTGGAGAACTTCAAGAAGCTGGTTCAGTGCGGAGCAAGCATCAAAATAAGATG
 GAAACACTCCAAAAATTTGCATTAATAACCTTTCAAATCAAGAGCTGTCTGCTGGCAAACTCTGGAAC
 AGGTTGCAAGTGAATTAACAGGTGTCTTCAGGGGAAGAGTTCAGTATTACAAGGTGACTCTATTCA
 GGTTTCTGAAAATGAGAACAAATAATGAACCTAAAGGAGATAGCTCTATTTATATTGAAAATCAAGAG
 TTTCCATTTTGGAGAAGCCAGCATTCTTGGGGAATACATATCTGAGTGAGTCACAGATTCAGAGTAGAG
 GTAAGCAAATTTGATGTGAAAAATAACCTGCAAATACATGAAGACTTCATGAAGAAATCACCATTTCATGA
 GCATATTAATACTGACACAGAACCAAAACCTGCAAAGGTAATGAATATGGCAAAATCATTAGTGATGGC
 TCCAATCAGAAATTACCTTAGGAGAGAAACCCATCCATGTGGTGAGTGGAAGGGGCTTCAGTTATA
 GCCCAAGGCTTCCCTTCATCCGAATGTTTCATACAGGAGAAAAATGCTTCAGTCAAGCTCACATCTGCG
 AACTCATCAGAGAATTCACCCAGGAGAGAACTCAATAGATGTCATGAATCTGGTGATTGCTTCAATAAG
 AGCTCTTTTCATTCTTATCAATCAATCATACAGGAGAGAAAGTCTTATAGATGCGACAGTTGCGGCAAGG
 GATTTCAGTAGCAGCAGGGTCTTATCATTACAGAACTCATACTGGAGAGAAACCTATAAATGCGA
 GGAATGTGGTAAATGCTTTAGTCAAAGTTCAAATTTTCAGTGCCATCAGAGAGTCCCACTGAAGAAAA
 CCATACAAATGCGAAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTAATCTCCGTGTTACCCAGAGGGTCC
 ACAGGGGTGAGAAGCCCTATAAATGTGAGGAATGTGGTAAGGGCTTCAGTCAAGCTGCACATTTTCACAT
 CCATCAGAGAGTCCACACTGGAGAGAAACCTACAAGTGTGATGTGTGGTAAGGGCTTCAGCCACAAT
 TCACCATTAATATGCCATCGGAGAGTCCACACAGGAGAGAAGCCATACAAGTGTGAGGCGTGTGGGAAAG
 GCTTTACCCGTAATACAGATCTGCATATTCATTTAGAGTTTACACGGGAGAGAAACCTATAAATGTAA
 GGAGTGTGGTAAGGGCTTCAGTCAAGCTTCAAATCTTCAAGTCCATCAGAAATGTCCCACTGGGAGAAA
 CGATTCAAGTGTGAAACGTGTGGGAAGGGCTTCAGTCAAGCTTCAAAGCTTCAAACCATCAGCGAGTCC
 AACTGGAGAGAAACCATATAGATGTGATGTGTGGTAAGGACTTCAGTTATAGTTCAAATCTTAACT
 ACACCAAGTAATTCACACTGGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGGGCTTCAGTTGGAGA
 TCAAATCTTCATGCACATCAAAGAGTTCAGTCAAGAGAAAAACCTATAAATGTGAGCAGTGTGATAAGA
 GCTTCAGTCAGGCCATAGATTTTCGGGTACATCAGAGAGTCCATCTGGAGAGAAAGCCATACAAATGTGG
 TGCTGTGGTAAGGGCTTCAGTCAAGCTCTGCTTCAATCCCATCAGAGAGTCCACACGGGGGAAAAAG
 CCATACAAATGTGATGTGTGGAAAGGGCTTTAGATACAGTTTCAGATTTATATACCATCAGAGAGGCC
 AACTGGAGAAAAACCTTACAAATGTGAAGAGTGTGGGAAGGGCTTTGGTAGGAGCTTGAATCTTCGCCA
 TCATCAGAGGGTCCACACGGGAGAGAAACCCATATATGTGAGGAGTGTGGTAAGGCCTTCAGTCTCCCC
 TCAAATCTTCAGTCCACCTGGGTGTTACACACAGGGAAAACTTTAAATGTGAAGAGTGTGGTAAAG
 GCTTCAGTCAGAGTGCAGTCTTGAAGCCATCAGAGAGTCCCACTGGAGAAAAACCATACAAATGTGA
 CATATGTGATAAGGACTTCCGTCACCGTTCAGTCTTACATATCATCAGAAAGTCCATCTGGTAAAAAG
 CTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

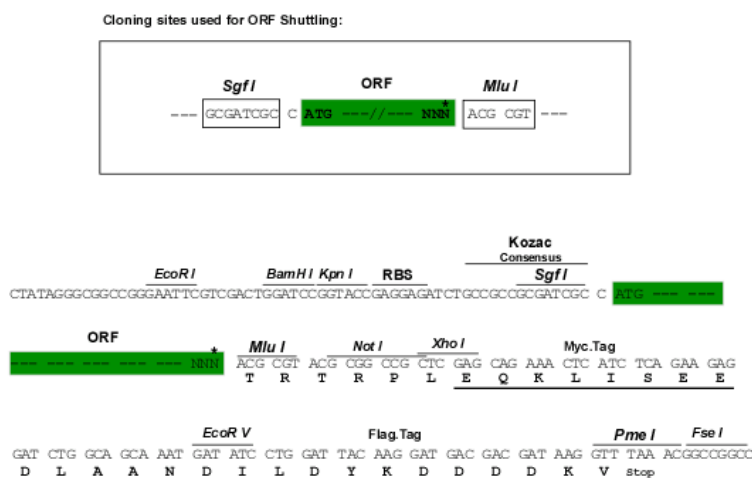
Protein Sequence: >RC239533 representing NM_001289173
 Red=Cloning site Green=Tags(s)

MPSQNYDL PQQKQEKMTKFQEA VTFKDVAVVFSREELRLDL TQRKLYRDMVENFNKLVAVGSKHQNM
ETLQKFALKYLSNQELSCWQIWKQVASELTRCLQGKSSQLLQGD SIQVSENENNIMNPKGDSIIYIENQE
FPFWRTQHSCGNTYLS ESQIQSRGKQIDVKNLQIHEDFMKKS PFHEHIKTDTEPKCKGNEYGKII SDG
SNQKLPLGEKPHPCGECGRGFSYSPRLPLHPNVHTGEKCFQSSSHRLRTHQRIHPGEKLNRCHESGDCFNK
SSFHSYQSNHTGEKSYRCDSCGKGFSSSTGLIIHYRTHTEKPKYKCEECGKCFQS SSNFQCHQRVHTEEK
PYKCEECGKGFWSVNLRVHQRVHRGEKPYKCEECGKGFQAAHFHIIHQRVHTGEKPYKCDVCGKGF SHN
SPLICHRRVHTGEKPYKCEACGKGFTRNTDLHIHFRVHTGEKPYKCKECGKGF SQASNLQVHQNVTGEK
RFKCETCGKGFQS SSKLQTHQRVHTGEKPYRCDVCGKDFS YSSNLKLHQVIHTGEKPYKCEECGKGF SWR
SNLHAHQRVHSGEKPYKCEQCDKFSQAIDFRVHQRVHTGEKPYKCGVCGKGFQS SSSLQSHQRVHTGEK
PYKCDVCGKGFRISSQFIYHQRGHTGEKPYKCEECGKGFGRSLNLRHHQRVHTGEKPHICEECGKAFSLP
SNLRVHLGVHTREKLFKCEECGKGFQSARLEAHQRVHTGEKPYKCDICDKDFRHSRLTYHQVHTGKK
|

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM 001289173

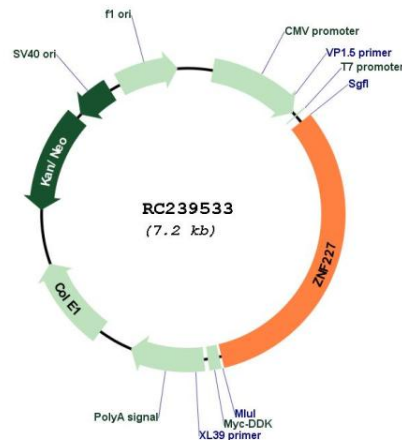
ORF Size: 2313 bp

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001289173.1, NP_001276102.1</u>
RefSeq Size:	3010 bp
RefSeq ORF:	2316 bp
Locus ID:	7770
Cytogenetics:	19q13.31
Protein Families:	Transcription Factors
MW:	89.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239533