

Product datasheet for **RC220192**

ZNF433 (NM_001080411) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF433 (NM_001080411) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF433
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC220192 representing NM_001080411
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATGTTTCAGGATTCAGTGGCCTTTGAGGATGTGGCTGTGACCTTCACCCAAGAGGAGTGGGCTTTGC
 TGGATCCTTCCCAGAAAAATCTCTGTAGAGATGTGATGCAAGAAACCTTCAGGAACCTGGCCTCTATAGG
 GAAAAATGGAAACCCAGAACATATATGTAGAGTACGAAAACTAAGGAGAAACCTAAGAATTGTGGGA
 GAGAGACTCTTTGAAAGTAAAGAAGTCACTCAGCATGGAGAAATTTGACCCAGGTTCCAGATGACATGC
 TGAAGAAAAACAACACTACTGGAGTAAATCATGCGAAAGCAGTGTGTATGGAGAAGTAGGCAGTGCTCATTC
 ATCTCTTAATAGGCACATCAGAGATGACACTGGACACAAGGCATATGAGTATCAAGAATATGGACAGAAA
 CCATATAAATGTAATACTGTAAAAACCTTTCAACTGTCTCTCCTCTGTTCCAGACATGAAAGGGCTC
 ATAGTGAAGGAACTCTATGTTTGTGAGGAATCGGAAAAACATTTATTTCCATTCAAACCTTCAAAG
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 CCTTTAGTCATTCTAGTAGCCTTCGAATACATGAAAGAACTCACACTGGGGAGAAGCCTTATAAATGTAA
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 CCTTACGAGTGTAAAGCAATGTGGGAAAGCCTTCAGATCTGCCTCACTCCTTCAAACACATGGTAGGACTC
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 CCTTCACTGTTGAGCTCCTTTCGATATCATGGAAGGACTCACACTGGAGAGAAACCTATGAATGCAA
 GCAATGTGGGAAAGCCTTCAGATCTGCCTCACAGCTTCAAATTCATGGAAGGACTCACACTGGAGAGAAA
 CCTTATGAATGTAAGCAGTGTGGGAAAGCCTTTGGATCTGCCTCACACCTTCAAATGCATGGAAGGACTC
 ACACTGGAGAGAAACCTATGAATGTAAGCAGTGTGGGAAAGTCTTTGGATGTGCCTCGCGACTTCAAAT
 GCATGGAAGGACTCACACTGGAGAGAAACCGTATAAATGTAAGCAATGTGGGAAAGCTTTTGGATGTCCC
 TCAAACCTTCGAAGGCATGGAAGGACTCACACTGGAGAGAAACCTATAAATGTAACCAATGTGGTAAAG
 TCTTTAGATGTTCTTCAAACTTCAAGTGCATGGAAGGGCTCACTGCATAGACACCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC220192 representing NM_001080411
 Red=Cloning site Green=Tags(s)

MMFQDSVAFEDVAVTFTQEEWALLDPSQKNLCRDVMQETFRNLASIGKKWKPNIIYVEYENLRNLRIVG
 ERLFESKEGHQHGIELTQVPDDMLKTTTGVKSCSSVYGEVGSASHSSLNRHIRDDTGHKAYEYQYEQK
 PYKCKYCKKPFNCLSSVQTHRAHSGRKLIVCEECGKTFISHSNLQRHRIMHRGDGPYCKFCGKALMFL
 SLYLIHKRTHTEKPYQCKQCGKAFSHSSSLRIHERHTGEKPYKCNCEGKAFHSSTCLHAHKRTHTEK
 PYECKQCGKAFSSSHFQIHERHTGEKPYECKECGKAFKCPSSVRRHERTHSRKKPYECKHCGKVL SYL
 TSFQNHLMHTGEISHKCKICGKAFYSPSSLQTHEKTHTEKPYKCNQCGKAFNSSSSFRYHERHTGEK
 PYECKQCGKAFRSASLLQTHGRHTGEKPYACEKCGKPF SNF SFFQIHERMHREEKPYECKGYGKTFSLP
 SLFHRHERHTGGKTYECKQCGRSFNCSFFRYHGRHTGEKPYECKQCGKAFRSASQLQIHGRHTGEK
 PYECKQCGKAFGSASHLMHGRHTGEKPYECKQCGKSFGCASRLQMHGRHTGEKPYCKQCGKAFGCP
 SNLRRHGRHTGEKPYKCNQCGKVFRCSSQLQVHGRAHCIDTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8019_h10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001080411

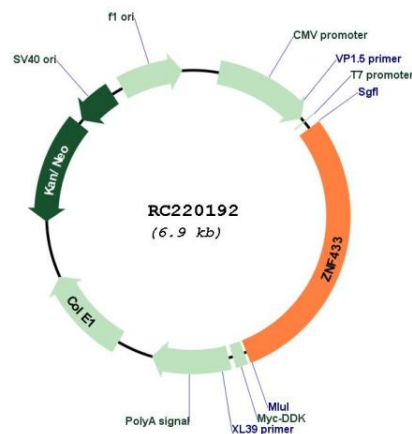
ORF Size: 2019 bp

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](#)

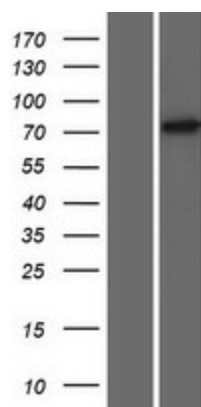
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001080411.2, NP_001073880.1</u>
RefSeq Size:	2321 bp
RefSeq ORF:	2022 bp
Locus ID:	163059
UniProt ID:	<u>Q8N7K0</u>
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors
MW:	77.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC220192



Western blot validation of overexpression lysate (Cat# [LY421628]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC220192 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).