

Product datasheet for **RC206413**

ZNF671 (NM_024833) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF671 (NM_024833) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF671
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC206413 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGTCCCCAGTGTCCCGAGACGCGTCTGATGCTCTGCAGGGACGGAAGTGCCTGCGTCCCCGATCGA
 GACGCCTGCCGCTCCCGCAGCTGTCCGCGCCACGGTCTATGGCGGAGCTAACGGACTCCGCGCGGGG
 CTGTGTGGTCTTTGAGGATGTGTTTGTATACTTCTCTCGGAAGAATGGGAGCTTCTTGATGATGCTCAG
 AGACTTTTGTACCATGATGTGATGCTGGAGAACTTTGCACTTTTACCTCACTGGGAATTGCATTTTCCA
 GATCACGTGCAGTCATGAACTAGAGCGAGGAGAAGAGCCCTGGGTGATGACCAGGTGGATATGACTTC
 AGCCACAGAAAGAGAGGCCAGAGGGGACTTAGACCTGGTTGTTGGCATGGAGTGGAGGATGAAGAGGTA
 TCTTCTGAGCAGAGCATTTTTGTAGCAGGAGTGTGAGGTCAGGACTCTCATGGCAGAGCTGGAGTCTC
 ACCCATGTGACATATGTGGCCAAATATTGAAAGATACCTTACACCTGGCTAAATACCATGGGGGAAAAGC
 CAGGCAGAAACCATACTTGTGTGGGCATGTGGAAGCAATTCTGGTTCAGTACAGACTTTGACCAGCAC
 CAGAACCAGCCCAATGGAGGGAAACTTTCCCAAGGAAGGAGGGCAGAGACTCTGTGAAAAGCTGCAGAG
 TCCATGTGCCAGAGAAGACCCTCACATGTGGAAAGGTAGGAGAGACTTTTCAGCCACATCTGGCCTTCT
 TCAGCATCAGGCCTCTCTCAGCAGCATGAAGCCCCACAAGAGCACTAAGCTTGTGAGTGGCTTTCTCATG
 GGACAGAGGATCACAGGTGTGGTGAATGTGGGAAAGCCTTACCCGCAAAGACACACTTGTCTGGCATC
 AGAGAATCCACACTGGAGAAAGGCCTTATGAGTGAACGAATGTGGGAAATTTCTCAGCCAAAGCTATGA
 CCTCTTTAAACACCAGACAGTTTACACTGGAGAAAGGCCATACGAGTGCAGCGAATGTGGGAAATTTCTT
 AGACAAATCTCCGGCCTGATTGAGCACAGGCGAGTTCACACGGGTGAAAGACTCTATCAGTGTGGCAAT
 GTGGGAAATTTTTAGCAGTAAGTCTAATCTCATTTCGACACCAGGAAGTTCACACAGGAGCCAGGCTTAA
 TGTATGCAGCGAATGTGGGAAAGAGTTCAGTCCGAAACACACACTTGTCTGCACCAACGAACACTCACACT
 GGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAAGCCTTTAGCCAAAGCTCCACCTTAAATGTACACT
 GGAGAATTCACAGCAGTATTATGAGTGTAGCAGATGTGGTAAAGCTTTTCAGCTGCATCTCCAAACTCAT
 TCAGCACCAGAAAGTTCCTCTGGAGAAAAGCCTTATGAGTGCAGCAAGTGCAGGAAAGCCTTCACTCAA
 AGACCCAACTCATCAGGCACTGGAAAGTCCACACTGGGAAAGGCCTTATGTGTGATGAGTGCAGGGA
 GAGAATTCATCCGAAACAGACACTTGTCTGCACCAGAGGTTTCATGCTGGAGAAAAGCTTAAAGAGTGT
 AGCAAATGTGGGGAAAGTCTTAGGCCAATGCCCTGACTTACTATATGGTGGGGAAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC206413 protein sequence
 Red=Cloning site Green=Tags(s)

MLSPVSRDASDALQGRKCLRPRSRRLPLPAAVRAHGPMaelTDSARGCVVFEDVFVYFSREEWELDDAQ
 RLLYHDVMLENFALLASLGIAFSRRAVMKLERGEEPWVYDQVDMTSATEREAQRGLRPGCWHGVEDEEV
 SSEQSIFVAGVSEVRTLMAELESHPCDICGPILKDTLHLAKYHGGKARQKPYLFCGACGKQFWFSTDFDQH
 QNQPNNGKLFPRKEGRDSVKSCRHVPEKTLTCGKRDRDFSATSGLLQHQASLSSMKPHKSTKLVSGFLM
 GQRYHRCGECGKAFTRKDTLARHQRIHTGERPYECNECGKFFSQSYDLFKHQTVHTGERPYECSECGKFF
 RQISGLIEHRRVHTGERLYQCGKCGKFFSSKSNLIRHQEVHTGARPYVCSECGKEFSRKHTLVLHQRTHT
 GERPYECSECGKAFSQSSHLNVHWRIHSSDYECRCGKAFSCISKLIQHQQVHSGEKPYECCKGKAFSTQ
 RPNLIRHWKVHTGERPYVCSECGREFIRKQTLVLHQRVHAGEKLSVANVGESLRPMPITYYMVGN

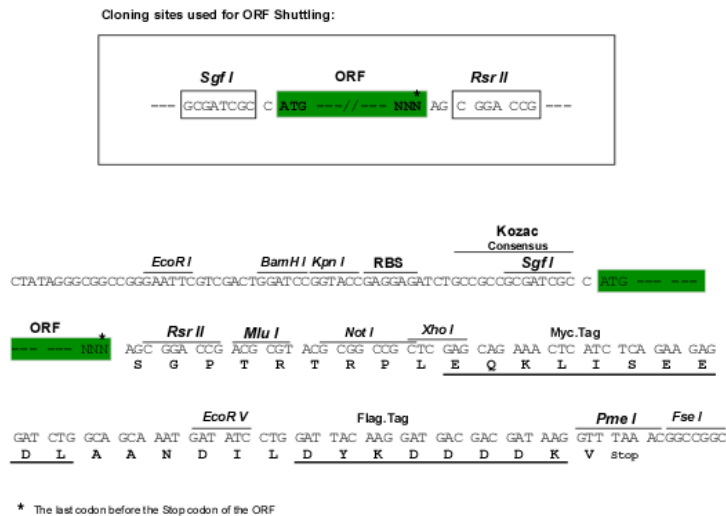
SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6619_a05.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_024833

ORF Size: 498 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 Size: 2477 bp

RefSeq ORF: 1605 bp

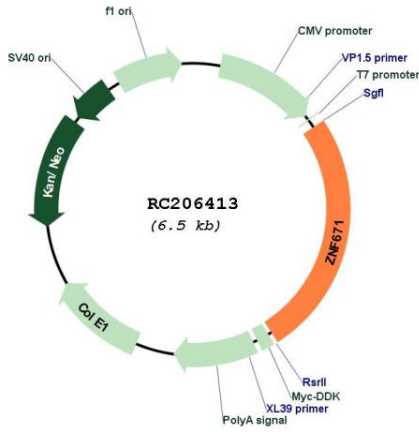
Locus ID: 79891

UniProt ID: [Q8TAW3](#)

Cytogenetics: 19q13.43

Domains: KRAB, zf-C2H2
 Protein Families: Transcription Factors
 MW: 63.4 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC206413