

Product datasheet for **RC202614**

ZNF71 (NM_021216) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF71 (NM_021216) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF71
Synonyms:	EZFIT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC202614 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGAGTTGGATCCAAAGAATGACATTTCCGAAGACAAGCTCTCCGTTGTTGGGGAGGCCACGGGGG
 GACCCACGAGGAATGGTCCAGGGTCTCGCTCAGAAGGAGTGTGGAAACCAGGCAGCTGGCCAGAGAG
 GCCCGGGGAGATGCAGGTGCAGAGTGGGAGCCATTGGGAATCCCCAGGGGAACAAACTCTTAGGGGGC
 TCAGTACCCGCATGTCATGAAGTGAAGGCATTTGCCAACCAAGGCTGTGTCTCGTCCCACCACGGCTGG
 ACGACCCACAGAAAAGGGGGCTGTCCACCCGTAAGGCGTGGCAAGAAGCTTCTCCAGCACTTACAGCT
 CAGTAAGCCCCCATGCCCTGCGAGGAGAAGAAAACCTACGACTGCAGCGAGTGTGGCAAGGCCCTTAGC
 CGAAGCTCGTCCCTGATAAAGCACAAAGGATCCACACGGGAGAAAAGCCGTTTGAGTGTGACACCTGTG
 GGAAGCACTTCATCGAGCGCTCGTCCCTACCATCCACCAGCGGTGCACACGGGCGAGAAGCCCTATGC
 CTGCGGGGACTGCGGCAAGGCCCTCAGCCAGCGCATGAACCTCACTGTGCACCAGCGCACGACACGGGC
 GAGAAGCCGATGTGTGCGACGTGTGTGCAAGGCCCTCCGGAAGACTTCTCTCTCACCCAGCAGCAGC
 GGATCCACACGGGGGAGAAGCCCTACGCGTGCAGGGGACTGCGGCAAGGCCCTCAGCCAGAATGCACCT
 CATCGTGACACGCGCACGCACACCGGGGAGAAGCCGTACGTGTGCCCGAGTGCAGGGCGAGCCTTCAGC
 CAGAATGCACCTGACCGAGCACCAGCGCACGCACACCGGGGAGAAGCCGTACGCTGCAAGGAGTGGC
 GCAAGGCCCTCAACAAGAGCTCCTCTCTCACCTGCACCAGAGGAACACACCGGGGAGAAGCCCTACGT
 GTGCGGCGAGTGCAGGCAAGGCCCTCAGCCAGAGCTCCTACCTCATCCAGCACCAGCGCTTCCACATCGGC
 GTGAAGCCGTTTCGAGTGCAGCGAGTGCAGGCAAGGCCCTCAGCAAGAAGCACTTACGCGGGCGCTCGTCCCT
 CATCGTGCACCAGATCGTGCACACCGGGGAGAAGCCCTACGTGTGCGGCGAGTGCAGGCAAGGCCCTCAGC
 CAGAGCGCTACCTCATCGAGCACCAGCGGATCCACACCGGCGAGAAGCCGTACAGGTGCGGCCAGTGGC
 GGAAGTCTTCATCAAGAAGCTCCTCCCTCACTGTGCACCAGCGGATCCACACGGGCGAGAAGCCCTACCG
 ATGCGGCGAGTGCAGGCAAGACTTACGCCCAACACGAACCTGACGCGCCACCTGCGGATTCACACC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC202614 protein sequence
 Red=Cloning site Green=Tags(s)

MKELDPKNDISEDKLSVGEATGGPTRNGARGPGSEGVWEPGSWPERPRGDAGAWEPLGIPQGNKLLGG
 SVPACHELKAFANQGCVLVPPRLDDPTEKGACPPVRRGKNFSSTSDLKPPMPCEEKTYDCSECGKAFS
 RSSSLIKHQRIHTGEKPFECDTGKHFIERSSLTIHQRVHTGEKPYACGDCGKAFSQRMNLTVHQRTHTG
 EKPYYVCDVCGKAFRKTSSLTQHERIHTGEKPYACGDCGKAFSQRMNLTVHQRTHTGEKPYVCECGRAF
 QNMHLTEHQRTHTGEKPYACEKCGKAFNKSSSLTLHQRNHTGEKPYVCECGKAFSQSSYLIQHQRFIG
 VKPFECSECGKAFSKNSSLTQHQRIHTGEKPYECYICKKHFTGRSSLIVHQIVHTGEKPYVCECGKAFS
 QSAYLIEHQRIHTGEKPYRCGQCGKSFINKSSLTVHQRIHTGEKPYRCGECGKTFSRNTNLTRHLRIHT

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Chromatograms:

https://cdn.origene.com/chromatograms/mk6794_d06.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_021216

ORF Size: 1467 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.

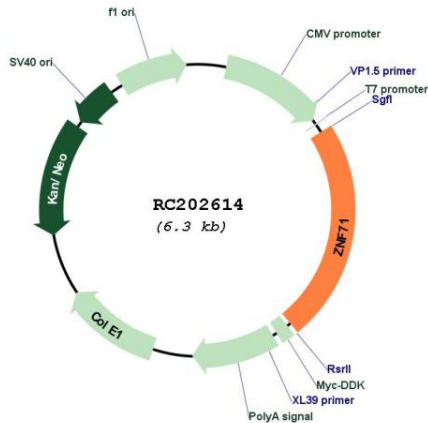
RefSeq: [NM_021216.3](#), [NP_067039.1](#)

RefSeq Size: 3144 bp

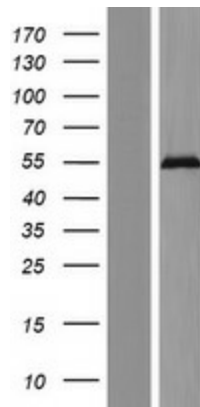
RefSeq ORF: 1470 bp

Locus ID: 58491

UniProt ID: [Q9NQZ8](#)
Cytogenetics: 19q13.43
Domains: zf-C2H2
Protein Families: Druggable Genome, Transcription Factors
MW: 54.5 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RC202614



Western blot validation of overexpression lysate (Cat# [LY412018]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202614 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).