

Product datasheet for **RG202614**

ZNF71 (NM_021216) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF71
Synonyms:	EZF1T
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG202614 representing NM_021216
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAAGAGTTGGATCCAAAGAATGACATTTGGAAGACAAGCTCTCCGTTGTTGGGAGGCCACGGGG
 GACCCACGAGGAATGGTGCCAGGGGCTCTGGCTCAGAAGGAGTGTGGGAACAGGCAGCTGGCCAGAGAG
 GCCGCGGGGAGATGCAGGTGCAGAGTGGGAGCCATTGGGAATTCCTCCAGGGGAACAACTCTTAGGGGGC
 TCAGTACCCGCATGTCTGAAGTGAAGGCATTTGCCAACCAAGGCTGTGTCTGGTCCCACACGGCTGG
 ACGACCCACAGAAAAGGGGGCTGTCCACCCGTAAGGCGTGGCAAGAACTTCTCCAGCACTTCAGACCT
 CAGTAAGCCCCCATGCCCTGCGAGGAGAAGAAAACCTACGACTGCAGCGAGTGTGGCAAGGCCTTAGC
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 GAGAAGCCGTATGTGTGCGACGTGTGTGGCAAGGCCTTCGGGAAGACTTCCTCTCTACCCAGCACGAGC
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 CATCGTGACACGATCGTGACACCGGGGAGAAGCCCTACGTGTGCGGCGAGTGCAGCAAGGCCTTCAGC
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 GGAAGTCCTTCATCAAGAACTCCTCCCTCACTGTGACACGCGGATCCACACGGGCGAGAAGCCCTACCG
 ATGCGGCGAGTGCAGGAAGACCTTCAGCCGAACACGAACCTGACGCGCCACCTGCGGATTACACCC

AGCGGACCGACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA

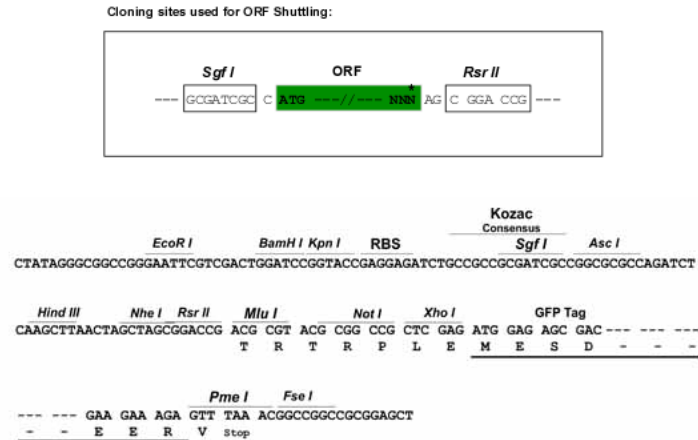
Protein Sequence: >RG202614 representing NM_021216
 Red=Cloning site Green=Tags(s)

MKELDPKNDISEDKLSVVEATGGPTRNGARGPGSEGVWEPGSPERPRGDAGAEWEPLGIPQGNKLLGG
 SVPACHELKAFANQGCVLVPPRLDDPTEKGACPPVRRGKNFSSTSDLKPPMPCEEKTYDCSECGKAFS
 RSSSLIKHQRIHTGEKPFECDCGKHFIERSSTLTIHQRVHTGEKPYACGDCGKAFSQRMNLTVHQRTHTG
 EKPYYCDVCGKAFRKTSSTLQHERIHTGEKPYACGDCGKAFSQNMHLIVHQRTHTGEKPYVCECGRAFS
 QNMHLTEHQRTHTGEKPYACEGCGKAFNKSSSLTLHQRNHTGEKPYVCEGCGKAFSQSSYLIIHQRFHIG
 VKPFECSECGKAFSKNSSLTQHRIHTGEKPYECYICKKHTGRSSLIHQIVHTGEKPYVCEGCGKAFS
 QSAYLIEHQRIHTGEKPYRCGQCGKSFINKSSLTVHQRIHTGEKPYRCGECGKTFSRNTNLTRHLRIHT

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-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:

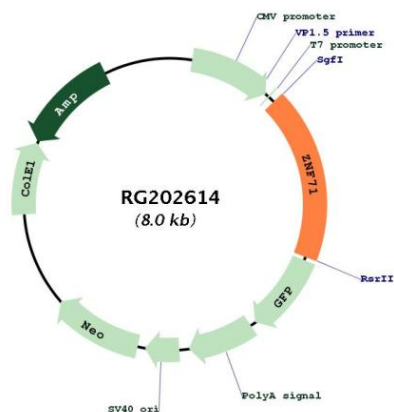
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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:	3116 bp
RefSeq ORF:	1470 bp
Locus ID:	58491
UniProt ID:	Q9NQZ8
Cytogenetics:	19q13.43
Domains:	zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG202614