

Product datasheet for **RC239192**

ZFP37 (NM_001282515) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP37 (NM_001282515) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZFP37
Synonyms:	zfp-37; ZNF906
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239192 representing NM_001282515
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGTCTCCAGCGGCTCCAGATTCTGACAAAGCCAGAGACCGTGGACCGGAGGAGAAGTGCAGAAA
 CGACCAAAGAGGCGGGCGACCACTGGAGATGGCTGTGTCCGAGCCCGAGGCCAGCGCCGGTATCAGT
 AACATTCAAACATGTGACTATGGCCTTTACCCAGAAGGAATGGAAGCAACTGGATCCTGCTCAGAGCAAC
 CTGTATAATGATGTGATGCTGGAGAACTACTGCAACCAAGCCTCAATGGGGTGTCAAGCTCCCAAACAG
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 CTTGTTGTACATCAGAGAACTCACACCGAGAAAAACCATATGAATGTATTGAGTGTGGCAAAGCCCATG
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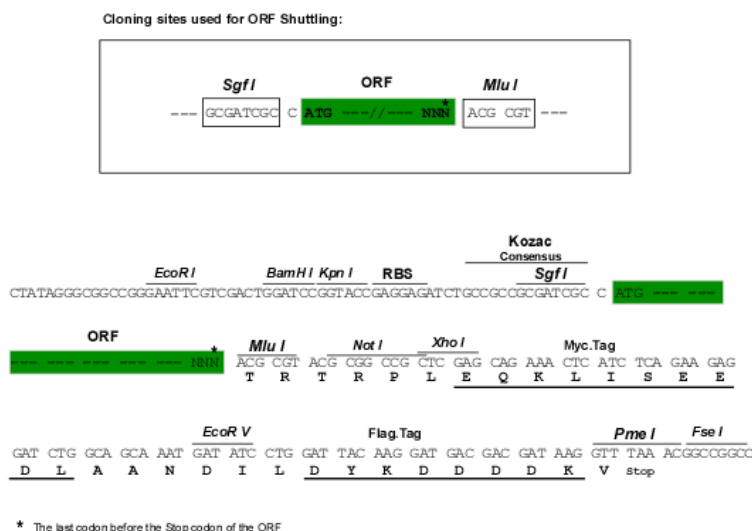
Protein Sequence: >RC239192 representing NM_001282515
Red=Cloning site Green=Tags(s)

MSVSSGVQILTKPETVDRRRSAETTKEAGRPLEMAVSEPEASAAVSVTFKHVMTAFTQKEWKQLDPAQSN
LYNDVMLENYCNCQASMGCAQAPKPDMSKLEKGEAPWLGKGKRPSSQGCPSKIARPKQKETDGKVQKDDQDL
ENIQKSQNKLLREVAVKKKTQAKKNGSDCGSLGKKNLHKKHVPSSKRLCLKFESCGILKQNLDLPDHSR
NCVKRKSDAAKEHKKSFNHSLSLTRKGKKQTGKKHEKLSHSSSDCKNKTGKKHDKLCCHSSSHIKQDKI
QTGEKHEKSPSLSSSTKHEKPQACVKPYECNQCGKVLSHKQGLIDHQVRHTGEKPYECNECGIAFSQKSH
LVVHQRTHTGEKPYECIQCGKAHGKHALLTDHLRIHTGEKPYECAECGKTRFHSSNLIQHVSHTGEKPY
ECKECKGSFRYNSSLTEHVRHTGEPYECNECGKAFKYSSSLTKHMRIHTGEKPFECNECGKAFSKKSH
LIIHQRTHTKEKPYKNECGKAFGHSSSLTYHMRHTGESPFCNQCGKGFKQIEGLTQHQRVHTGEKPY
ECNECGKAFSQKSHLIVHQRTHTGEKPYECNECEKAFNAKSQLVIHQRSHTGEKPYECNECGKTFKQNAS
ITKHVKTHSFDKSHF

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001282515

ORF Size: 1935 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_001282515.2](#)

RefSeq Size: 2951 bp

RefSeq ORF: 1938 bp

Locus ID: 7539

UniProt ID: [Q9Y6Q3](#)

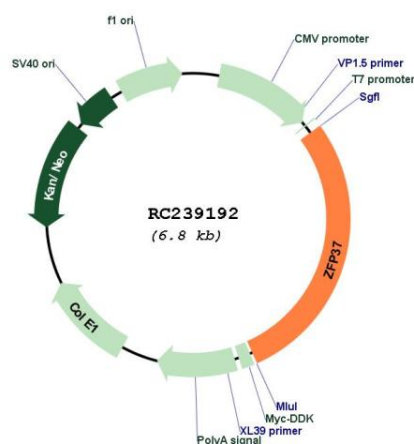
Cytogenetics: 9q32

Protein Families: Transcription Factors

MW: 73.4 kDa

Gene Summary: This gene encodes a transcription factor that belongs to a large family of zinc finger proteins. A similar protein in mouse is thought to play a role in regulating the structures of the nucleolus and centromere in neurons. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



Circular map for RC239192