

Product datasheet for **RC239151**

ZFP37 (NM_001282518) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP37 (NM_001282518) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZFP37
Synonyms:	zfp-37; ZNF906
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC239151 representing NM_001282518
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGTCTCCAGCGGCTCCAGATTCTGACAAAGCCAGAGACCGTGGACCGGAGGAGAAGTCCGGAAA
 CGACCAAAGAGGCCGGGGGACCCTGGAGATGGCTGTGTCCGAGCCCAGGCCAGCGCCGGAAGGAATG
 GAAGCAACTGGATCCTGCTCAGAGCAACCTGTATAATGATGTGATGCTGGAGAACTACTGCAACCAAGCC
 TCAATGGGGTGTCAAGCTCCCAAACCAGACATGATCTCCAAGTTGGAAAAAGGAGAAGCACCATGGTTGG
 GGAAGGGGAAAAGACCCAGTCAAGGTTGTCCAAGTAAAAAGCAAGACCAAGCAAAAAGAACTGATGG
 AAAAGTCCAGAAAGATGATGACCAGCTTAAAAATCCAGAAATCTCAAAAACAACTCCTCAGGGAAAGTT
 GCAGTCAAGAAGAAAACCAAGTAAGAAGAATGGCAGTACTGTGGTTCCTGGGAAAAAAAATAATT
 TGCATAAAAAACATGTTCTTCAAAGAAAAGGCTTCTTAAATTTGAGTCATGTGGAAAAATTTTGAACA
 GAATTTAGATTTACCTGATCACTCAAGAACTGTGTAAGAAAGAAATCTGATGCAGCTAAAGAACAAG
 AAGTCATTCAACCATAGCTTATCTGATACAAGGAAAGGCAAAAAGCAAACCTGGAAAGAAACATGAGAAAT
 TATCCAGCCATAGCTCATCTGATAAGTGTAAACAAAACCTGGCAAAAACATGACAAATATGCTGTATAG
 TTCATCCCATATTAACAGGACAAAATTCAACTGGAGAGAAACATGAGAAATCACCCAGCCTTAGCTCA
 TCTACTAAGCATGAAAAACCTCAAGCTTGTGTGAAACCTATGAATGTAATCAATGTGGAAAGGTTCTCA
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 TGGGATAGCCTTTAGCCAAAAGTACACCTTGTGTACATCAGAGAACTCACACCGGAGAAAAACCATAT
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 GTGAAAGTCCCTTTGAATGTAATCAATGTGGGAAAGCCTTTAAACAAATGAAGGCCTTACTCAACATCA
 GAGAGTTCATACTGGAGAGAAACCGTATGAGTGAATGAATGTGGGAAAGCCTTTAGCCAAAAGTCTCAC
 CTCATTGTACATCAGAGAACTCATACTGGGAGAAACCTTATGAATGTAACGAATGTGAAAAAGCCTTTA
 ATGCAAAAATCACAGCTTGTATACATCAGCGATCCACACTGGAGAAAAACCTATGAATGTAATGAATG
 TGGGAAAACCTTTCAAACAAAATGCATCCCTAACCAACATGTGAAAACCTATTCAGAAGATAAATCTCAT
 GAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239151 representing NM_001282518
 Red=Cloning site Green=Tags(s)

MSVSSGVQILTKPETVDRRRSAETTKEAGRPLEMAVSEPEASAAKEWKQLDPAQSNLYNDVMLENYCNQA
 SMGQAPKPDMSKLEKGEAPWLGKGRPSQGCPSKIARPKQKETDGKVQKDDDLQENIQKSONKLLREV
 AVKKKTQAKKNGSDCGSLGKKNNLHKKHVPSKKRLLKFESCGLKQNLDPHSRNCVVRKSDAAKEHK
 KSFNHSLSDTRKGGKQTGKKHEKLSHSSSDKCNKTGKKHDKLCCHSSSHIKQDKIQTGEKHEKSPSS
 STKHEKPQACVKPYECNQCGKVL SHKQGLIDHQVHTGEKPYECNECGIAFSQKSHLVVHQRTHTEKPY
 ECIQCGKAHGKHALTDHLRIHTGEKPYECAECGKTRFRSSNLIQHVSHTGEKPYECKEKGKSFYRNS
 LTEHVRTHTEIPYECNECGKAFKYSSSLTKHMRHTGEKPFECNECGKAFSKKSHLIIHQRTHTKEKPY
 KCNECGKAFGHSSSLTYHMRHTGESPFECNQCGKGFQIEGLTQHQRVHTGEKPYECNECGKAFSQKSH
 LIVHQRTHTEKPYECNECEKAFNAKSQLVIHQRSHTGEKPYECNECGKTFKQNASLTKHVKTHSEDKSH
 E

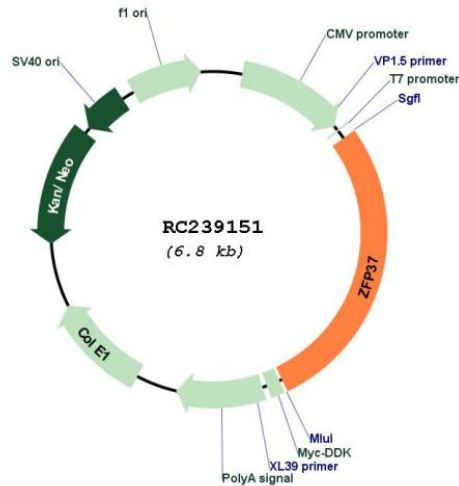
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001282518

ORF Size: 1893 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: [NM_001282518.2](#)

RefSeq Size:	2909 bp
RefSeq ORF:	1896 bp
Locus ID:	7539
UniProt ID:	Q9Y6Q3
Cytogenetics:	9q32
Protein Families:	Transcription Factors
MW:	71.8 kDa
Gene Summary:	<p>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]</p>