

Product datasheet for **SC337045**

ZFP37 (NM_001282518) Human Untagged Clone

Product data:

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



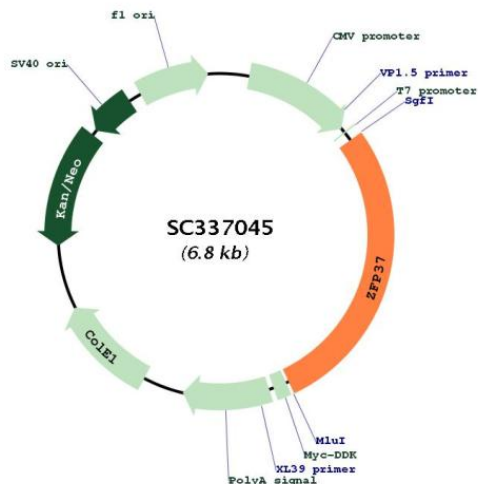
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Fully Sequenced ORF: >SC337045 representing NM_001282518.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCGGTCTCCAGCGGGCTCCAGATTCTGACAAAGCCAGAGACCGTGGACCGGAGGAGAAGTGC GGAA
ACGACCAAAGAGGCCGGGCGACCCTGGAGATGGCTGTGTCCGAGCCCGAGGCCAGCGCCGCGAAGGAA
TGGAAAGCAACTGGATCCTGCTCAGAGCAACCTGTATAATGATGTGATGCTGGAGAAGTACTGCAACCAA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001282518

Insert Size: 1896 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001282518.1](#)

RefSeq Size: 2909 bp

RefSeq ORF: 1896 bp

Locus ID: 7539

UniProt ID: [Q9Y6Q3](#)

Cytogenetics: 9q32

Protein Families: Transcription Factors

MW: 71.3 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]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region compared to variant 1. This results in a shorter protein (isoform 2) compared to isoform 1.