

Product datasheet for **RC239480**

ZNF337 (NM_001290261) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF337 (NM_001290261) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF337
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC239480 representing NM_001290261
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACCTCAGGGAGCCAGGAGACAGGCTTTCTTGGCATTGGGGATGTCACTGTGGATTTCACCCAGA
 AGGAATGGAGGCTGCTGAGCCCTGCTCAGAGGGCCCTGTACAGGGAGGTGACACTGGAGAACTACAGCCA
 CCTGGTCTCACTAGGAATTCTCCATTCTAAACCAGAACTCATCAGGCGGTAGAGCAAGGGAAGTGCCC
 TGGGGAGAAGAGAGAAGACGCCGCCAGGCCCTGTGCAGGAATATATGCAGAACATGTCCTGCGGCCCA
 AGAATCTTGGACTTGACATCAGAGGCAACAGCAACTACAATTTCTGATCAAAGCTTCAGAGTGACAC
 AGCTGAAGGTCAAGAGAAAGAAAAAGCACTAAGCCCATGGCATTTCAGGCCACCCCTAAGACATGCA
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 AGTCCTATGTGTGAGTGTGTGGGCGAGGCTTCAGCCTCAAGGCCAACCTCCTCAGACACCAGAGGAC
 ACACTCAGGAGAGAAGCCTTTCTGTGCAAGGTGTGTGGACGAGGCTATACCACTAAGTCATACCTCACT
 GTGCATGAGAGAACACACACAGGAGAGAAGCCTTATGAATGCCAGGAGTGTGGCGAAGGTTTAACGATA
 AGTCCTCATACAACAGCACTTGAAGGCGCATTGAGGGGAGAAGCCTTTGTGTGCAAGGAGTGTGGGCG
 AGGCTATACTAATAAGTCATACTTCGTTGTGCACAAGAGAATACACTCAGGAGAGAAGCCTTACAGATGC
 CAGGAGTGTGGCCGAGGCTTTAGCAATAAGTCACACCTTATCACACACCAGAGGACACACTCAGGGGAGA
 AGCCCTTTGCGTGCAGGCAGTGTAAAGCAAGTTTTAGCGTGAAAGGAAGTCTCCTCAGACACCAGAGAAC
 ACACTCAGGGGAGAAGCCTTTGTGTGCAAGGATTGTGAGCGAAGCTTTAGCCAAAAGTCAACTCTTGTC
 TACCACCAGAGAACACACTCAGGGGAGAAACCTTTGTTGTAGAGAATGTGGGCAAGGATTTATTGAGA
 AGTCAACCCTTGTGAAACATCAGATCACACACTCAGAGGAGAAGCCTTTGTGTGCAAGGACTGTGGACG
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 ACACTCAGGAGAGAAGCCCTTCATGTGCAAGCAGTGTGAGAAAAGTTTTAGTTTGAAGGCAATCTTCTT
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 AGGATTTATCTGGAAGTCAAATCTTGTGAAACACCAGCTTGACATTCTGGCAAGCAGCCTTTGTATGC
 AAGGAGTGTGGGCGAGGCTTCACTGGAAGGGAATCTCCTCACACACCAGAGGACACACTCAGGGGAGA
 AGCCCTTCGTGTGTAATGTGTGGGCAAGGCTTCAGCTGGAAGAGAAGTCTCACCAGACCACTGGCG
 GATACACTCAAAGGAGAAGCCTTTGTTTGCCAGGAGTGTAAAGCGAGGCTATACCACTAAGTCAGACCTC
 ACTGTGCATGAAAGAATACACACAGGAGAGAGGCCTTATGAATGCCAAGAGTGTGGACGAAAGTTTAGCA
 ATAAGTCATACTACAGTAAGCACTTAAAGAGACACTTACGTGAGAAGCGTTTTTGTACAGGGAGTGTGG
 TGAGGCTTCATCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239480 representing NM_001290261
 Red=Cloning site Green=Tags(s)

MGPQGARRQAFALFGDVTVDFTQKEWRLLSAQRALYREVTLENYSHLVSLGILHSPKELIRRLEQGEVP
 WGEERRRRPGPCAGIYAEHVLRPKNLGLAHQRQQQLQFSDQSFQSDTAEGQEKEKSTKPMFSSPPLRHA
 VSSRRRNSVVEIESSQGQRENPTIDKVLKGIENSRWGAFKCAERQDFSRKMMVIIHKKASRQKLFTC
 RECHQGFRDESALLLHQNTHTGEKSYVCSVCGRGFSLKANLLRHQRTHSGEKPFLCKVCGRGYTSKSYLT
 VHERHTGKPYECQECGRRFNDKSSYNKHLKAHSGEKPFCVKECGRGYTNKSYFVHKRIHSGEKPYRC
 QECGRGFSNKSLLITHQRTHSGEKPFACRQCKQSFVKGSLLRHQRTHSGEKPFCVCKDCERSFSQKSTLV
 YHQRTHSGEKPFCRECGQFIQKSTLVKHQITHSEEKPFVCKDCGRGFIQKSTFTLHQRTHSEEKPYGC
 RECGRFRDCKSSYNKHLRAHLGEKRFRCRDCGRGFTLKPNLTIHQRTHSGEKPFCMKQCEKSFSLKANLL
 RHQWTHSGERPFNCKDCGRGFIKSTLLFHQKTHSGEKPFCSECGQFIWKNLVKHQLAHSGKQPFVC
 KECGRGFNWKGNLLTHQRTHSGEKPFCNVCGQGSWKRSLTRHHWRIHSKEKPFVCQECKRGYTSKSDL
 TVHERIHTGERPYECQECGRKFSNKSYSKHLKRHLREKRFCTGSVGEASS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001290261

ORF Size: 2253 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_001290261.1](#), [NP_001277190.1](#)

RefSeq Size: 4629 bp

RefSeq ORF: 2256 bp

Locus ID: 26152

UniProt ID: [Q9Y3M9](#)

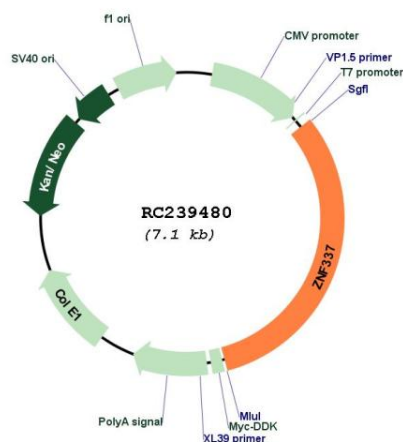
Cytogenetics: 20p11.21

Protein Families: Transcription Factors

MW: 87.3 kDa

Gene Summary: This gene encodes a zinc finger domain containing protein. The function of this protein has yet to be determined. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Product images:



Circular map for RC239480