

Product datasheet for **RC205630**

ZNF37A (NM_001007094) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF37A (NM_001007094) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF37A
Synonyms:	KOX21; ZNF37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC205630 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCACATCCCAGGGATCAGTGTCTTATAGGATGTGACTGTGGGCTTCACTCAAGAGGAGTGGCAGC
 ATCTGGACCTGCTCAGAGGACCCTGTACAGGGATGTGATGCTGGAGAACTACAGCCACCTTGTCTCAGT
 AGGGTATTGCATTCTAAACCAGAAGTATTCTCAAGTTGGAGAAAGCGAGGAGCCATGGATATTAGAG
 GAAAAATTTCAAAGCCAGAGTCACTCTGGAATTAATTAATACCAGTAGAACTATTCAATAATGAAGTTCA
 ATGAGTTTAAACAAGGTGAAAAATGTTTCTGTGATGAAAAGCATGAAATAATTCATTCTGAAGAGGAACC
 TTCTGAATATAATAAAAAATGGGAACAGCTTCTGGCTGAATGAAGACCTCATTGGCATCAGAAAAATAAA
 AATTGGGAACAATCTTTGAATACAATGAATGTGGGAAAGCTTCCCTGAGAATCACTCTTCTGTGAC
 ATAAGAGAGGTTACACAGGACAGAAAACCTGCAAAATACTGAACATGGGAAAACCTGTGATATGCATT
 TTTCACTACTCATCAGCAACACATCCAAGAGAAAACCACTATGGTAATGAATGTGGAGAAAATATCTTT
 GAGGAATCCATTCTCTTGAACATCAGAGTGTTTACCCATTCAGCCAGAAGTTAAATCTCACTCCAATTC
 AGAGAACCCTCAATTAACAATATTATTGAATATAATGAGTGTGGAAACATTTTTCACTGAAAAATTAGT
 CCTTCAATTTACAACAGAGAACACATACAGGAGAAAAACCTTATGAATGTCATGAATGTGGAAAAACCTTC
 ACCCAGAAGTCAGCCACACAAGACATCAGAGAACACACAGGGGAAAAACCTATGAATGTGATGAAT
 GTGGGAAGACCTTCTATAAGAATTCAGACCTCATTAAACATCAAAGAATTCATACAGGGGAGAGACCTTA
 TGGATGTCATGAATGTGGGAAATCCTTCAGTGAAGTCAACCTTACTCAACATCAAAGAAGCACACACA
 GGGGAGAAACCATATGAATGTCATGAATGTGGGAAAACCTTCTCATTAAAGTCAGTCTTACTGTGCATC
 AGAAAACACACACAGGGGAGAACCCCTATGAATGCTATGCATGTGGGAAAGCCTTCTCAGAAAAATCAGA
 CCTCATTAAACATCAAAGAATACACACAGGTGAAAAACCTTATGAATGAATGAATGTGGGAAAGTCATT
 TCTGAGAAGTCAACCCCTACTAAACATCTAAGAACTCACACAGGTGAGAAACCTTATGAATGATTCAGT
 GTGGAAAAATTTTCTGCTACTACTCCGGTTTACAGAACATCTGAGAAGACACACAGGGGAGAAACCTTT
 TGGATGAATGAATGTGGGAAAACCTTCCGTCAGAAAGTCGGCCCTAATTGTTCCACAGAGAACTCATATA
 AGACAGAAACCTATGGATGTAATCAATGTGGAAAATCATTCTGTGTGAAGTCAAACTCATTGCACATC
 ATAGAACACACACAGGGGAGAAACCTATGAATGTAATGTTTGTGGAAAATCATTCTATGTTAAGTCAA
 ACTAAGTGTACATCAGAGAATACACTTGGGAGAAACCTATAAATGTAGTAAACGAGGGAAATTAATCT
 GGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205630 protein sequence
 Red=Cloning site Green=Tags(s)

MITSQGSVSFRDVTVGFTQEWWHLDPQRRLYRDVMLENYSHLVSVGYCIPKPEVILKLEKGEEPWILE
 EKFPSQSHLELINTSRNYSIMKFNEFNKGGKCFDEKHEIIHSEEEEPSEYNKNGNSFWLNEDLIWHQKIK
 NWEQSFEYNECGKAFPENSLFLVHKRGYTGKTKYTEHGKTCDSFFITHQQTHPRENHYGNECGENIF
 EESILLEHQSVPFSQKLNLTPIQRTHSINNIIEYNECGTFFSEKLVHLQQRTHTEKPYECHECGKTF
 TQKSAHTRHQRTHTGKPYECHECGKTFYKNSDLIKHQRIHTGERPYGCHCGKSFSEKSTLTQHQRTH
 GEKPYECHECGKTF SFKSVLTVHQKTHTEKPYECYACGKAFLRKSLLIKHQRIHTGEKPYECNECGKSF
 SEKSTLTKHLRTHTEKPYECIQCGKFFCYSGFTEHLRRHTGEKPFGCNECGKTFRQKSALIVHQRTHI
 RQKPYGCNQCGKSFVKSLLIAHHRTHTEKPYECNVCGKSFYVKSLLTVHQRHILGRNPINVVNEGNYS
 G

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6574_b08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001007094

ORF Size: 1683 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_001007094.2](#)

RefSeq Size: 7058 bp

RefSeq ORF: 1686 bp

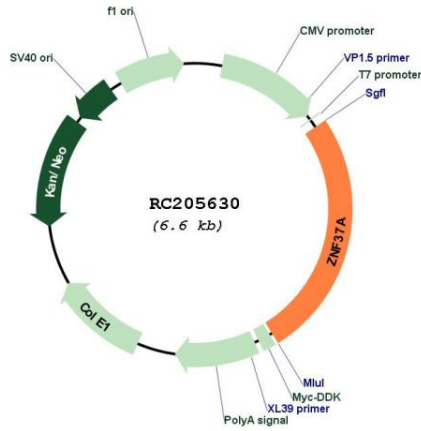
Locus ID: 7587

UniProt ID: [P17032](#)

Cytogenetics: 10p11.1

Protein Families: Transcription Factors
MW: 65.4 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC205630