

Product datasheet for **RC218214**

Zinc finger protein 30 (ZNF30) (NM_001099438) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 30 (ZNF30) (NM_001099438) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zinc finger protein 30
Synonyms:	KOX28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC218214 representing NM_001099438
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCATAAATATGTGGTTCAGTATCACGGATCAGTGACATTTGAGGATGTGCCATAGCCTTCT
 CCCAGCAGGAGTGGGAGAGTCTGGACTCTCCAGAGGGCTTGTACAGAGATGTGATGTTGGAGA
 CAGGAACCTGGTGTCAATGGCAGGACATCCCGTTCTAAACCACATGTGATCGCCTTATTGGA
 AAAGAGCCTGAAGTGACAGTGGGAAAGATGGAAGAAGATGGTGCACAGATTTGAGTGGAA
 CAATCGGCTGTAAGAAATGCCACCTCTGAAACTGTCCATCTTTGCTCTACATCAGAAAAA
 ACAGAAACCACGTGAATGTCAGGAATATGGAAGACCCCTTGTCAAGACTCAAAGCCTGT
 AGAATACATAGTAGTAAAAACCAACAGATGTAAGAATGTGGGAAGAACTTTAGTAATGG
 TCACCATACATCAGAGATTGCATGTTGGTGGAGAAACCTATAAATGAAAAATGTGGGA
 CAGTGGCTCAGCCTTTGTAAGCATGGGAGAATTCACACTGGTGGAGAACCAATGTAAG
 GAAAGACTATTAGTGGTAGTATCAACTACAGTACATAAGAGTATTCATACTGGGAAGAA
 AGTGGCGGGAATGTGGGAAGCTTTTCTAGTATATGAAAAGCTTACCCGGCATCAGAGT
 TGAAAAACCCCTTTGGGTGTGAGGAGTGTGGGAAGGCCTTCAGTACCTTTTCATACCT
 CGAATTCATACCAGTAAAAACCTTACGAATGCAAAGAATGTGGGAAGGCCTTTAGCACT
 TTGCTAAGCATCAGAGAATTCATACTGGCGAGAAACCTATGAATGTAAGGAGTGTGG
 TGTGATGGACAGCTTACTCGACATCAGAGTATCATACTGGTGGAAACCTTTGAAATG
 GGAAAGCCTTTAGACTTAGTTCCTTCTCATGCACATCAGCGAATTCATGCAGAGATA
 GATGCAAGGAATGCGGGAGAACCCTCAGTCGTGCCTCATATCTTGTCAACATGGAAG
 CGAGAAGCCCTATGAATGTAAGGAGTGTGGCAAGGCCTTTAGTACTGGCTCATACCT
 AGGATCCATACTGGGAGAAACCTATGAATGTAAGGAATGTGGCAAAGCCTTTATTAGT
 TTACCGTACATCAAAGGTTTCACTGAGAGAAACCTATGAGTGAAGGAATGTGGCAAG
 AGTGCACGTACATCTCACACAGCATCGGAAAAATTCATACTGATGTAAGGCCTATGA
 GGAAAGACTTTTAGTTCGAGCCTCGTACCTTGTACAACATAGCAGAATCCATACTGG
 AGTGAAGGAGTGTGGCAAGGCCTTCAGTCTGGCTCATACCTTGTTCAGCATCAAAGA
 GGAGAAACCCATGAATGTAACAAATGTGGGAAGCCTTTACTGTTTATGGACAACCT
 AGTGTTCACACTGGTGGAGAAACCTTTGAAATGTAAGGAATGCGGGAAGGCCTTTAG
 TACTGAACATCAGCGGGTACACACTGGTGGAGAAACCTTTAAATGCAAAAAATGTGG
 ATACAGTTCAGCCCTAAAGTGCATCTGAGAAAACATATGAGTGTATACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218214 representing NM_001099438
 Red=Cloning site Green=Tags(s)

MAHKYVGLQYHGSVTFEDVAIAFSQQEWESLDSSQRGLYRDVMLENYRNLVSMAGHSRSPHVI
 ALLEQWKEPEVTVRKDGRRWCTDLQLEDDTIGCKEMPTSENCPSFALHQKISRQKPRECQ
 EYKTLQDQSKPVQHERIHSSEKPNRCKECGKNFSNGHQLTIHQRLHVGEKPYKYEKCGKAF
 ISGSFAVKHGRIHTGEKPLKCKQCGKTISSGSYQLTVHKSIIHTGKKPYECGECGKAF
 L VYGKLRHQSTHTGEKPFGECEGKAFSTFSYLVQHQRIHTSEKPYECKEGKAFSTSS
 PLAKHQRIHTGEKPYECKEGKSFVYQQLTRHQSIHTGEKPFCKEKGKAFRLSSFLHA
 QRHAEIKPYGCKEGRFSTRASYLVQHGRHTGEKPYECKEGKAFSTGSYLVQHQRIHT
 GEKPYECKEGKAFISRHLTVHQRVHTGEKPYECKEGKAFRVHVLQHRKIHTDVKPYE
 CKEGKTFSTRASYLVQHSRIHTGKKPYECKEGKAFSSGSYLVQHRIHTGEKPYECNKCG
 KAFVYQQLIGHQSVHTGEKPFCKEKGKAFRLNSFLTEHQRVHTGEKPFKCKCGKTFR
 YSSALKVHLRKHMSVIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8070_c07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001099438

ORF Size: 1872 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.

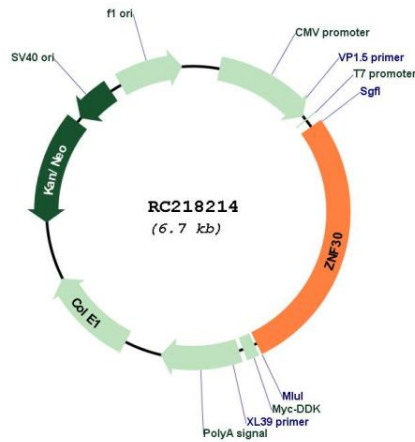
RefSeq: [NM_001099438.1](#), [NP_001092908.1](#)

RefSeq Size: 2670 bp

RefSeq ORF: 1875 bp

Locus ID: 90075
 UniProt ID: [P17039](#)
 Cytogenetics: 19q13.11
 Protein Families: Transcription Factors
 MW: 71.5 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC218214