

Product datasheet for **RC211914**

ZNF274 (NM_133502) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF274 (NM_133502) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF274
Synonyms:	HFB101; ZF2; ZKSCAN19; ZSCAN51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC211914 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCCTCCAGGCTTCCGACGGCCTGGTCTGTGAACCAGTGACCTTTGAAGATGTAACACTGGGTTTTA
CCCCGGAAGAGTGGGACTGCTGGACCTCAAACAGAAGTCCCTGTACAGGGAAGTATGCTGGAGAACTA
CAGGAACCTGGTCTCAGTGAACATCAGCTTCCAAACCAGATGTGGTATCTCAGTTAGAGGAGGCAGAA
GATTTCTGGCCAGTGGAGAGAGGAATTCCTCAAGACACCATTCCAGAGTATCCTGAGCTCCAGCTGGACC
CTAAATTGGATCCTCTTCTGCTGAGAGTCCCCTAATGAACATTGAGGTTGTTGAGGTCCTCACACTGAA
CCAGGAGTGGCTGGTCCCCGGAATGCCAGATCCAGGCCCTATATGCTGAAGATGGAAGCCTGAGTGCA
GATGCCCCCAGTGAGCAGATCCAACAGCAGGGCAAGCATCCAGGTGACCCTGAGGCCGCGCCAGAGGT
TCCGGCAGTTCGGTTATAAGGACATGACAGGTCCCAGGAGGCCCTGGACCAGCTCCGAGAGCTGTGTCA
CCAGTGGCTACAGCCTAAGGCACGCTCCAAGGAGCAGATCCTGGAGCTGTGGTGTGGAGCAGTTCCTA
GGTGCCTGCCTGTGAAGCTCCGGACATGGGTGGAATCGCAGCACCCAGAGAAGTCCAAGAGGTGGTGG
CCCTGGTAGAGGGTGTGACCTGGATGTCTGAGGAGGAAGTACTTCTGCAGGACAACCTGCCGAGGGCAC
CACCTGCCTGCCTCGAGGTCACTGCCAGCAGGAGGAGAAGCAGGAGGATGCAGCCATCTGCCAGTGACA
GTGCTCCTGAGGAGCCAGTGACCTTCCAGGATGTGGCTGTGGACTTCAGCCGGGAGGAGTGGGGCTGC
TGGGCCGACACAGAGACCAGTACCAGGATGTGATGCTGGAGACCTTTGGGCACCTGGTCTCTGTGGG
GTGGGAGACTACACTGAAAAATAAGAGTTAGCTCCAAATTCTGACATTCCTGAGGAAGAACCAGCCCC
AGCCTGAAAGTACAAGAATCCTCAAGGGATTGTGCCTTGTCTTACATTAGAAGATACCTGCAGGGTG
GGTCCAGGAAGTCCAAGACACAGTGTGAAGCAGATGGAGTCTGCTCAGGAAAAAGACCTTCTCAGAA
GAAGCACTTTGACAACCGTGAGTCCCAGGCAAACAGTGGTGTCTTGACACAAACCAAGTTTCGCTCCAG
AAAATTGACAACCCTGAGTCCCAGGCAAACAGTGGCGCTCTTGACACAAACCAAGTTTTGCTCCAAAAA
TTCCTCTAGAAAACGATTGCGCAAACGTGACTCACAAGTAAAAGTATGAAACATAATTCACGTGTA
AATTCATCAGAAGAGCTGTGAAAGGCAAAGGCCAAGGAAGCAATGGTTGTAGGAAAACCTTCAGTCGG
AGTACTAACAGATTACGTTTATAAGAATTCACAAGGGGAGCCAAGTTTGCCGATGCAGTGAATGTGGTA
AAATATCCGGAACCAAGATACTTTTCTGTGCATAAGAAAATCCATACCGGAGAGAGGCCCTATGTGTG
TCAAGACTGTGGAAAGGATTTGTTTCAGAGCTTCCCTCACACAGCATCAGAGAGTTCATTCTGGAGAG
AGACCATTTGAATGTGAGGAGTGTGGGAGACCTTCAATGATCGCTCAGCCATCTCCAGCACCTGAGGA
CTCACACTGGCGCTAAGCCCTACAAGTGTGAGGACTGTGAAAAAGCCTTCCGCCAGAGCTCCACCTCAT
CAGACATCAGAGGACTCACACCGGGGAGCGCCATATGCATGCAACAAATGTGGAAGGCCCTCACCCAG
AGCTCACACCTTATTGGGCACCAGAGAACCACAATAGGACAAAGCGAAAGAAGAAACAGCCTACCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_133502.3](#)

RefSeq Size: 2890 bp

RefSeq ORF: 1962 bp

Locus ID: 10782

UniProt ID: [Q96GC6](#)

Cytogenetics: 19q13.43

Domains: KRAB, LER, zf-C2H2

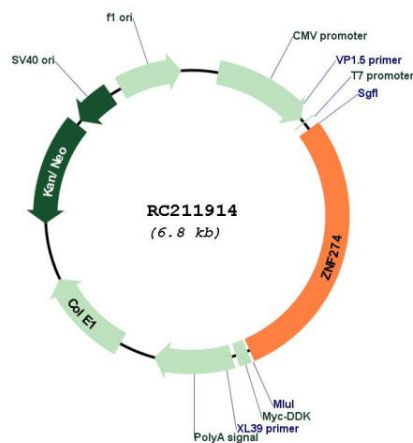
Protein Families: Transcription Factors

Protein Pathways: Neurotrophin signaling pathway

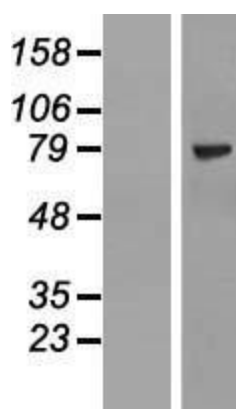
MW: 74.2 kDa

Gene Summary: This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC211914



Western blot validation of overexpression lysate (Cat# [LY408829]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211914 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).