

Product datasheet for **RC200400**

ZNF174 (NM_001032292) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF174 (NM_001032292) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF174
Synonyms:	ZSCAN8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200400 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCTAAAATGGAGATAACTTTAAGCTCCAACACTGAAGCTTCTCCAAGCAAGAGAGACACATAA
TAGCCAACTAGAAGAGAAACGGGGCCCTCCTCTGCAAAAAAACTGCCAGATCCTGAGCTCTGCCGCCA
GAGCTTCAGACGCTTTTGTATCAAGAGGTGTCTGGACCCCAAGAGGCGCTCTCCAGCTCCGACAGCTC
TGCCGTCAGTGGTTGCAACCCGAGCTGCACACCAAGGAGCAGATTTTGGAGCTTCTGGTGTGGAGCAGT
TCCTGACCATCCTGCCCCGGAGATCCAGGCTCGGGTCAGGCATCGATGTCCAATGAGCAGCAAGGAGAT
TGTGACCCTCGTGAAGATTTTCACAGAGCATCCAAGAAACAAAGCAGTGGGTGGCCGTTTGTATGCAG
GGGCAAAAGGTGCTCTTGAGAAAACCTGGATCTCAGCTTGGAGAACAGGAAGTCCAGACTTTCAACCGC
AGACTCCTAGGAGAGATCTCAGGGAGAGCTCTCCAGCAGAGCCTTCCCAGGCAGGAGCTTATGACCCGGCT
GAGCCCCATCATTGGGAGAAAATCCCCACTCTCCAAGAACCAACCCCAAAATTGGCTGGGACAGAACTT
CTTATAGAAAAGACAGATCCAAATATGGCCACAGATGAACTTCCATGCAAGCTATGGCTGAGTTTCATTG
CT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001032292.1](#), [NP_001027463.1](#)

RefSeq Size: 1593 bp

RefSeq ORF: 705 bp

Locus ID: 7727

UniProt ID: [Q15697](#)

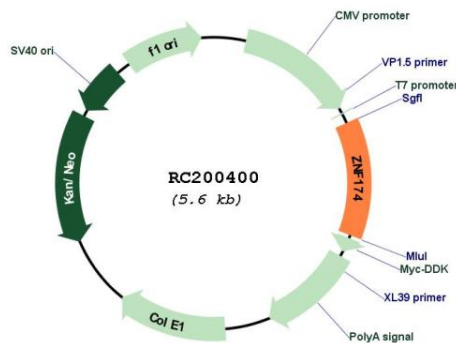
Cytogenetics: 16p13.3

Protein Families: Transcription Factors

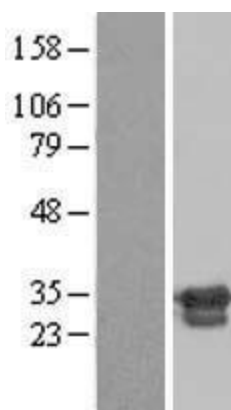
MW: 26.9 kDa

Gene Summary: This gene encodes a protein with three Cys2-His2-type zinc fingers in the carboxy-terminus, a putative nuclear localization signal, and an amino-terminus SCAN box which forms homodimers. This protein is believed to function as a transcriptional repressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Dec 2016]

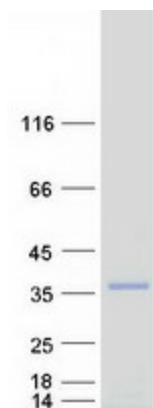
Product images:



Circular map for RC200400



Western blot validation of overexpression lysate (Cat# [LY422302]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200400 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZNF174 protein (Cat# [TP300400]). The protein was produced from HEK293T cells transfected with ZNF174 cDNA clone (Cat# RC200400) using MegaTran 2.0 (Cat# [TT210002]).