

Product datasheet for **RC201910**

ZNF3 (NM_032924) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF3 (NM_032924) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF3
Synonyms:	A8-51; HF.12; KOX25; PP838; Zfp113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC201910 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAACTCAGGCTGATCTCGTATCTCAGGAACCTCAGGCCCTGCTTGACAGTGTCTTCTTCAAAG
 TTCTGCCTTTCCGACAAGGACAGCCTGGGGATGAGATGTTGGCGGCTGCGCTCTAAAGCCAAGTC
 CCAGGAGCTGGTAACTTTGAGGATGTAGCTGTGTAATCATCCGGAAGGAGTGAAGCGTTTGGAACT
 GCTCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAATTACGGGAATGTGTTCTCACTGGATCGTGAGA
 CCAGGACTGAAAATGATCAAGAAATTTCTGAAGACACAAGATCACATGGGGTCTACTGGGAAGATTTCA
 AAAGGATATTTCTCAGGGTCTCAAGTTTAAAGAAGCCTATGAACGAGAAGTCAGTCTGAAAAGGCCGCTG
 GGGAACTCCCCTGGGAAAGACTGAACAGGAAAATGCCAGATTTTGGTCAAGTGACAGTTGAGGAGAAGC
 TAACCCAGGGGAGAGAGAAGCGAGAAAATAATGATTTTGGGAACAGCTTCACTGTGAATCCAACCT
 TATCTCACATCAGAGACTCCCCGTGGGAGACAGACCCCATAGTGTGATGAATGTAGCAAGAGCTTAAAT
 CGAACTTCAGACCTATTCAACATCAGAGAATCCACACTGGGAAAAGCCCTATGAATGTATGAGTGTG
 GGAAGGCCTTCAGCCAGAGCTCACACCTTATTCAGCATCAGAGAATCCACACTGGGAAAACCTTATGA
 ATGTAGTATTGTGGAAAACCTTCAGCTGTAGCTCTGCCCTATTCTGCATCGGAGGATCCACACGGGG
 GAGAAAACCTATGAATGTATGAGTGTGGGAAGACCTTCAGCTGGAGCTCCACCCACCCACCATCAGA
 GAATCCACACTGGTGAGAAAACCTACGCCTGCAATGAATGTGGGAAGGCCTTCAGCAGGAGCTCAACCT
 TATTCACCATCAGAGAATCCACACTGGAGAAAACCTATGAATGTATGAATGTGGGAAGGCCTTCAGC
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 GAGGAAAGTTTACCTACAGTTACGGCCTTATTCAGCATCAAAGAATCCACACCGGGGAGAAACCCCTATGA
 ATGTAGTGTGAGTGTGGAAAAGCCTTCAGGTACAGCTCGGCTCTTGTTCGCCATCAGAGAATTCACACTGGA
 GAGAAGCCTTTGAATGGGATCGGCATGAGCAAAAGCTCCCTCAGAGTTACGACCGAGTTAAATATCAGAG
 AGTCCACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201910 protein sequence
 Red=Cloning site Green=Tags(s)

METQADLVSQEPQALLDSALPSKVPAFSDKDSLGDMLAAALLKAKSQELVTFEDVAVYFIRKEWKRLEP
 AQRDLYRDVMLENYGNVFLDRETRTENDQEISEDTRSHGVLGRFQKDISQGLKFKAEYEREVSLKRPL
 GNSPGERLNRKMPDFGQVTVEEKLTPRGERSEKYNDFGNSFTVNSNLISHQRLPVGDRPHKCECKSFN
 RTSDLIQHQRIHTGEKPYECNECGKAFSQSSHLIQHQRIHTGEKPYECSDCGKTFSCSSALILHRRITG
 EKPYEKNECGKTFSSSTLTHHQRIHTGEKPYACNECGKAFSRSSSTLIHHQRIHTGEKPYECNECGKAFS
 QSSHLIQHQRIHTGEKPYECMECGKFTYSSGLIQHQRIHTGENPYECSECGKAFRYSSALVRHQRIHTG
 EKPLNGIGMSKSSLRVTTELNIEST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

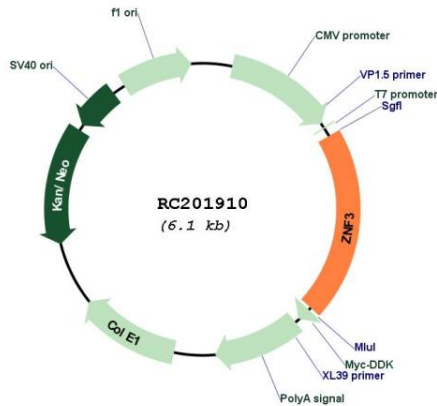
https://cdn.origene.com/chromatograms/mk6304_c03.zip

Restriction Sites:

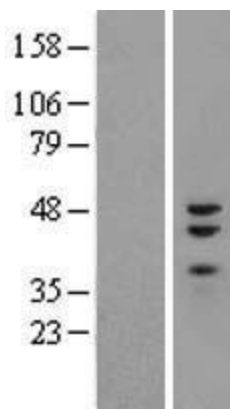
Sgfl-MluI

Domains: KRAB, zf-C2H2
Protein Families: Transcription Factors
MW: 50.9 kDa
Gene Summary: Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC201910



Western blot validation of overexpression lysate (Cat# [LY409870]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201910 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).