

Product datasheet for **RC203404**

ZNF 556 (ZNF556) (NM_024967) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 556 (ZNF556) (NM_024967) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF 556
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC203404 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACACAGTGGTCTTTGAAGACGTGGTTGTGGATTTCACGCTGGAGGAGTGGGCCTTGCTGAATCCTG
 CTCAGAGAAAACCTCTACAGAGATGTCATGCTGGAGACCTTCAAGCACCTGGCCTCAGTAGATAATGAGGC
 TCAGCTTAAAGCCAGTGGTCTATTTCTCAGCAGGATACTTCTGGAGAAAAATTATCCCTCAAACAGAAA
 ATAGAAAAGTTACAAGAAAATATATGGGCCTCCCTTTTAGGAAAAATTGGGAAGAATAGCGTTA
 AAGACAAGCACAAACCAAGGAGAGACATTTGAGAAATCCAAGGGTGGAGAGACCATGTAAGCAGTAA
 AGGTAATAAACGTGGAAGAACCTTCAGAAAAGCTCGAAATGTAATCGTCATCTGCGCAAGAATTGTTGT
 ACTAGTGAAGACGGTACGAATGCAGTCAGTGTGGAAAACCTTCACCCATTCTCATCCCTGATAAGGC
 AAAAAAGAGCTCACTCTGGACAAAAATTATATAATGTAAGGAATGTGGGAAAGCCTTCAGTCGCCCTTC
 CTACCTACAGACGCATGAGAAAACCTCACAGTGGAGAGAAAACCTATGCCTGTCAATCTTGGGGAAGACA
 TTTCTTCGTTCCCACTCTCACTGAACATGTAAGGACTCACACTGGAGAGAAAACCTACGAATGTGGGC
 AGTGTGGGAAAGGCTTCAGTTGTCCAAATCCTTTTCGCGCACATGTGATGATGCACGCCGGAGGGAGACC
 GTATGAGTGCAAGCACTGTGGGAAAGCCTTCAGGTGTCAGAAATCCTTTTCGAGTCCATATGATCATGCAC
 GCCGGAGGGAGACCGTATGAGTGCAAGCAGTGTGGGAAAGCCTACTGCTGGGCAACATCCTTTCAACGAC
 ACGTGAGAATTCACAACGGGGAGAAAACCTATAAGTGTGGAAAATGCGGGAAAGCATTGCGTTGGCCCTC
 ATCCTTACAAAAACCGGAGAACGCATGCTAAAAAGAAACCTGTGAGTGGGGCAGCGTGGGAAAGTCT
 TCCGCGAGGCCTCGCCCTCCACAGATGCAAAATCACAACACTAGAGAGAAAAGTCTATAAATGTGAAACGT
 TTGGGAAAACGTATGGTTGGTCTCATCTTTACACAACATGAGAGAAAAGCACACTGGGAGAAAACCTGT
 AAATGCAGCCAGTGTGGGAAAACCTTCAGGCGGGCTTTGCTCTTCCAAAAATGTAAGAACGCAGATTGGA
 CAGAAGCCAGTAAATGCGAAAAATGTGGGAAAGCTTTCAGTTGTCCAAAGCCTTTCAAGGTCATGTGA
 GAAGTCACACAGGAAAGAATCCTGTACATCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203404 protein sequence
 Red=Cloning site Green=Tags(s)

MDTVVVFEDVVVDFLEEWALLNPAQRKLYRDVMLETFKHLASVDNEAQLKASGSIQQDTSGEKLSLKQK
 IEKFTRKNIWASLLGKNWEEHSVKDKHNTKERHLRNPVERPCKSSKGNKRGRTRFRKTRNCNRHLRKNCC
 TSVRRYECQCGKLFTHSSSLIRHKRAHSGQKLYKCKEKGKAFSRPSYLQTHEKTHSKEKPYACQSCGKT
 FLRSHSLTEHVRTHTEKPYECGQCGKGFSCPFSFRAHVMMHAGGRPYECKHCGKAFRCQKSFVRVHMIMH
 AGGRPYECKQCGKAYCWATSFQRHVRIHNGEKPKYKCGKCGKAFGWPSLHKHARTHAKKPKVSGGSVGS
 SARPRPSTDVKSQTRKVKCETCGKTYGWSSSLHKHERKHTGEKPVNAASVGPSSGLCSSKNVRTQIG
 QKPSKCEKCGKAFSCPFAFGHVRSHTKKSKTSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6423_d03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_024967

ORF Size: 1473 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_024967.3](#)
RefSeq Size: 1650 bp

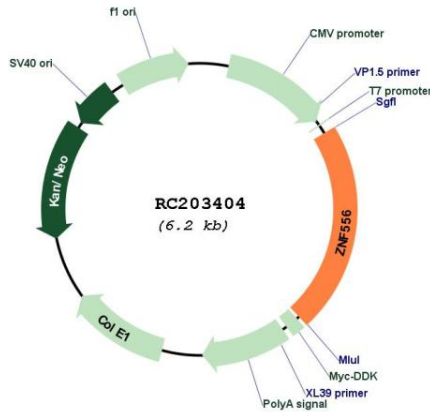
RefSeq ORF: 1371 bp

Locus ID: 80032

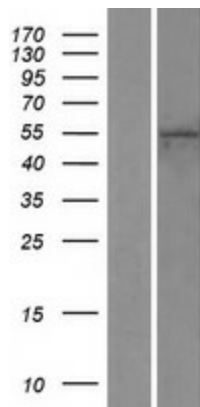
UniProt ID: [Q9HAH1](#)

Cytogenetics: 19p13.3
Protein Families: Transcription Factors
MW: 51.5 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC203404



Western blot validation of overexpression lysate (Cat# [LY410961]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203404 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).