

Product datasheet for **RC238324**

ZNF 556 (ZNF556) (NM_001300843) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 556 (ZNF556) (NM_001300843) 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:

>RC238324 representing NM_001300843
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACACAGTGGTCTTTGAAGACGTGGTTGTGGATTTACGCTGGAGGAGTGGCCTTGCTGAATCCTG
 CTCAGAGAAAACCTCTACAGAGATGTCATGCTGGAGACCTCAAGCACCTGGCCTCAGTAGATAATGAGGC
 TCAGCTTAAAGCCAGTGGGTCTATTTCTCAGCAGGATACTTCTGGAGAAAAATTATCCCTCAAACAGAAA
 ATAGAAAAGTTTACAAGAAAGAATATATGGGCCTCCCTTTTAGGAAAAAATTGGGAAGAACATAGCGTTA
 AAGACAAGCACAAACCAAGGAGAGACATTTGAGAAATCCAAGGGTGGAGAGACCATGTAAGCAGTAA
 AGGTAATAAACGTGGAAGAACCTTCAGAAAGACTCGAAATTTGTAATCGTCATCTGCGCAAGAATTGTTGT
 ACTAGTGAAGACGGTACGAATGCAGTCAGTGTGGAAACTCTTACCCATTCTCATCCCTGATAAGGC
 ACAAAGAGCTCACTCTGGACAAAAATTATATAATGTAAGGAATGTGGGAAAGCCTTCAGTCGCCCTTC
 CTACCTACAGACGCATGAGAAAACCTCACAGTGGAGAGAAACCCTATGCCTGTCAATCTTGCGGGAAGACA
 TTTCTTCGTTCCCACTCTCTCACTGAACATGTAAGGACTCACACTGGAGAGAAACCTACGAATGTGGGC
 AGTGTGGGAAAGGCTTCAGTTGTCCCAAATCCTTTCGCGCACATGTGATGATGCACGCCGGAGGGAGACC
 GTATGAGTGCAAGCACTGTGGGAAAGCCTTCAGGTGTCAGAAATCCTTTCGAGTCCATATGATCATGCAC
 GCCGGAGGGAGACCGTATGAGTGCAAGCAGTGTGGGAAAGCCTACTGCTGGGCAACATCCTTTCAACGAC
 ACGTGAGAATTCACAACGGGGAGAAACCTATAAGTGTGGAAATGCGGGAAAGCATTGGTTGGCCCTC
 ATCCTTACACAAACACGCGAGAACGCATGCTAAAAAGAAACCTGTGAGTGGGGCAGCGTGGGAAAGTCT
 TCCGCGAGGCCTCGCCCTCCACAGATGTCAAATCACAACTAGAGAGAAAGTCTATAAATGTGAAACGT
 GTGGGAAAACGTATGGTTGGTCCTCATCTTTACACAAACATGAGAGAAAGCACACTGGGGAGAAACCTGT
 AAATGCAGCCAGTGTGGGAAACCTTCAGCGGGGCTTTGCTCTTCCAAAAATGTAAAGACGCAGATTGGA
 CAGAAGCCAGTAAATGCGAAAAATGTGGGAAAGCTTTAGTTGTCCCAAAGCCTTTCAAGGTCATGTGA
 GAAGTCACACAGGAAAGAAATCTGTACATCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238324 representing NM_001300843
 Red=Cloning site Green=Tags(s)

MDTVVFEDVVVDFLEEWALLNPAQRKLYRDMLETFKHLASVDNEAQLKASGSISQQDTSGEKLSLKQK
 IEKFTRKNIWASLLGKNWEEHSVKDKHNTKERHLRNPVERPCKSSKGNKRGRTRFRKTRNCNRHLRKNCC
 TSVRRYECQCGKLFTHSSSLIRHKRAHSGQKLYKCKEKGAFSRPSYLQTHEKTHSGEKPYACQSCGKT
 FLRSHSLTEHVRTHTEKPYECQCGKGFSCPKSFRAHVMMHAGGRPYECKHCGKAFRCQKSFVRVHMIMH
 AGGRPYECKQCGKAYCWATSFQRHVRIHNGEKPYKCGKCGKAFGWPSLHKHARTHAKKKPVSGGSVGKS
 SARPRPSTDVKSQTREKVYKCETCGKTYGWSSSLHHERKHTGEKPVNAASVGKPSGGLCSSKNVRTQIG
 QKPSKCEKCGKAFSCPKAFQGHVRSHTGKKSCTSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001300843

ORF Size: 1365 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001300843.2](#)

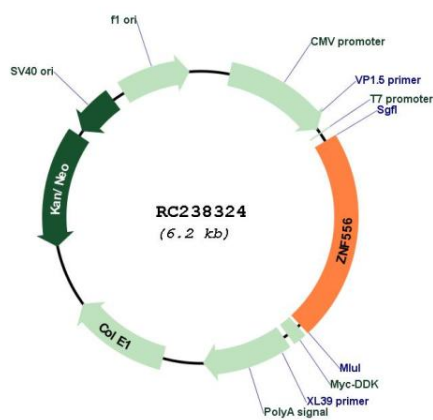
RefSeq Size: 1647 bp

RefSeq ORF: 1368 bp

Locus ID: 80032

UniProt ID: Q9HAH1
 Cytogenetics: 19p13.3
 Protein Families: Transcription Factors
 MW: 51.9 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238324