

Product datasheet for **RC200318**

ZNF256 (NM_005773) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF256 (NM_005773) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF256 |
| Synonyms: | BMZF-3; BMZF3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RC200318 representing NM_005773
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGCCGAGCTGACGGCCCCGCCAGGGCATTGTGACCTTTGAGGACGTGGCTGTTTACTTCT
 CCTGGAAGGAATGGGGTCTTCTTGATGAGGCTCAGAAATGCCTGTACCACGATGTGATGCTGGAGA
 GACTTACAACCTCCCTGGGTGGTTCTGGAGCAGGGATGAGGAGGCACCTTATCAGCAGAGCACTTCT
 CCACAGCGGGTGTACAGGTTAGGATTCCTAAGGCCCTTCTTCTCCCCAGAAGACCAACCCCTGTGAGA
 TATGTGGCCAGTCTTGAGACAGATTTTGCCTTGGTTGAACACCAAGGAACACACCATGGTCAGAACT
 GTATACAGACGGGCATGTAGGAAACAATTACAATTTACTGCATACCTTCATCAGCACCAGAAGCAGCAT
 GTTGGACAGAACTTCAGAAGCAATGGGGCAGAGACATGTTTTGAGCAGCTGCACATTTGAAGTAT
 CTGGGAAGCCCTCACTTGAAGGAGTTGGGAAGGATTCCTGGTGAATCAAGATTTCTCAGCAACA
 GGCTGCTCACACCAGAAAGTCAAACAGAACCAAGAGTGCAGTGGCCTTTCACAGTGTAAAAATCAT
 TACAACGGGGAGAATGTGTAAAGCTTTCAGCTACAAACATGTACGTGTTACAGCACCAGGGAGACCTCA
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 AGCCTTATTACGCACCGAAGAAATCACACTGGAGTAAGACCTCATCAATGTGATGAATGTGGAAAATTA
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 ATGTGGGAAATCCTTAGCCATAGCTTAGCCTCATTACACACAGAGAATTCATACTGGAATGAGGCCT
 TATGAGTGCAGTGAATGTGGGAAATCTTTATCCATAGTCTAGCCTTATTACACACAGAGAGTTCACA
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 CCGGAGACTTCACATTGGAGAAGGCCCTTATGAGTGTAGTGAATGTGGGAAATGTTTACTTATAGATCT
 CGTTTCTTCCAACACAGAGAGTTCATACTGGAGTAAGATCTCATGAATGTCATGAATGTGGAAAATTA
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 ATGTGGGAAATCCTTACCTGTAATCCTACCTCATCTCACACTGGAAAGTTCATACTGGAGCAAGGCCT
 TATGAATGTGGGAGTGTGGGAAATCCTTACTCATAGCTCTACGCTCCTTCAACACAGAGAGTTCACA
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 TAGGAGAAGTACACCGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTTATGAATGCAGTGA
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 TTAGCCAGAGCTTAACCTCACTAATCACAGCAATTCACAGTGGGAAAGGCCTTATGAGTGTAGTGA
 CTGTGGGAAATTTTTACCTTCACTCAACCTCTAAAACATCAGAACGTTACAAGGGA

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 ACAAGGATGACGACGATAAGGTTTAA

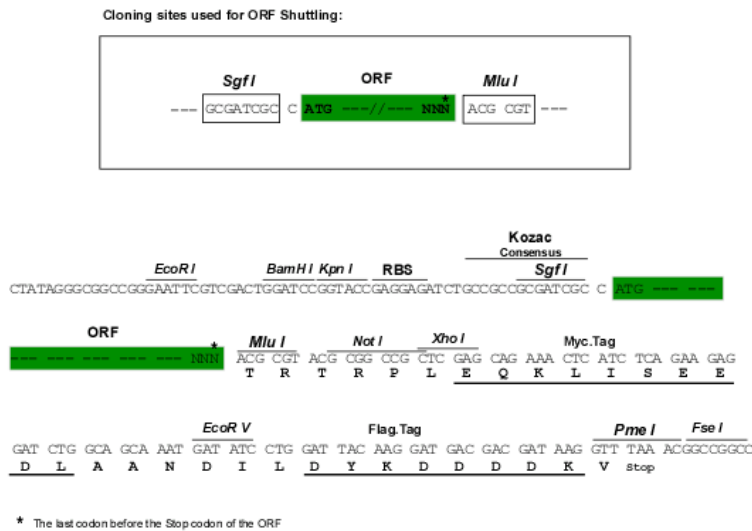
Protein Sequence:

>RC200318 representing NM_005773
 Red=Cloning site Green=Tags(s)

MAAAELTAPAQGIIVTFEDVAVYFSWKEWGLLDEAQKCLYHDVMLENLTLTSLGGSGAGDEEAPYQQSTS
 PQRVSQVRIPKALPSPQKTNPCEICGPVLRQILHLVEHQGTHHGQKLYTDGACRKQLQFTAYLHQHQKQH
 VGQKHFRSNGGRDMFLSSCTFEVSGKPFCKEVGKDFLVRSRFLQQAAHTRKKSNRKSAVAFHSVKNH
 YNWGECVKAFSYKHVRVQHOGDLIRERSYMCSECGKSFSTSCSLSDHLRVHTSEKPYTCGECGKSYRQSS
 SLITHRRIHTGVRPHQCDECGKLFNRKYDLLIHQRVHTGERPYKCECGKSFSSSLITHQRIHTGMRP
 YECSECGKSFISSSLITHQRVHTGTRPYMCSECGKSFSSQSSCHLIKRRHLHIGEPYECSECGKLFYRS
 RFFQHQRVHTGVRSHCECGKLFSRKFDLIVHERVHTGERPYECSECGKSFSTCKSYLISHWKVHTGARP
 YECGECGKSFTHSSTLLQHQRVHTGERPYECNECGKFFSQSSSLIRHRSHTGERPYECSECKWFSFNHS
 SLVKHRRVHTGERPYECSECGKSFSSQSSNLNTHQRHSGERPYECSDCGKFFTFNSNLLKHQNVHKG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg4201_a08.zip
Restriction Sites: SgfI-MluI
Cloning Scheme:



ACCN: NM_005773

ORF Size: 1881 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.

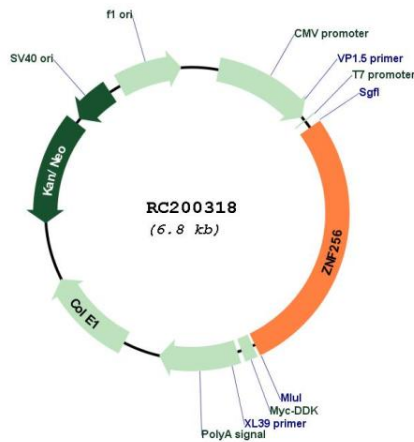
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_005773.2](#), [NP_005764.2](#)

RefSeq Size: 2228 bp

| | |
|-------------------|--|
| RefSeq ORF: | 1884 bp |
| Locus ID: | 10172 |
| UniProt ID: | <u>Q9Y2P7</u> |
| Cytogenetics: | 19q13.43 |
| Domains: | zf-C2H2 |
| Protein Families: | Transcription Factors |
| MW: | 71.7 kDa |
| Gene Summary: | Transcriptional repressor that plays a role in cell proliferation. Requires TRIM28 for its activity. [UniProtKB/Swiss-Prot Function] |

Product images:



Circular map for RC200318