

Product datasheet for **RC202235**

ZNF768 (NM_024671) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF768 (NM_024671) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF768
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC202235 representing NM_024671
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCGGGAGCGTTGCCGTGGGCCTCGAGCCCCAGGATGTGCAGAGTTCTGACGAAATGAGGAGCC
 CCGAAGGGTACCTCAGAGGCAACATGAGTGAGAATGAGGAAGAGGAAATTTCTCAGCAAGAAGGCAGTGG
 GGACTATGAAGTGAAGAGATACCATTTGGGCTTGAACCCAGAGCCCTGGGTTTGGCCACAAAGCCCA
 GAGTTTGAACCCAAAGCCCAAGATTTGAGCCTGAAAGCCCGGGTTTGGTCCCAGGAGCCCTGGGCTTG
 TGCCCCAAGCCCTGAGTTTGCACCCAGAAGCCCTGAATCAGATTCTCAGAGCCCTGAGTTTGAATCCCA
 GAGCCCTAGGTATGAACCCAAAGCCCTGGCTATGAACCTCGGAGCCCCGGGTATGAACCCCGGAGCCCT
 GGCTATGAATCTGAGAGCTCTAGATATGAATCCAGAACACTGAGCTCAAAACCCAAAGCCAGAAATTTG
 AAGCTCAAAGTTCAAATTCAGGAAGGTGCGGAGATGCTTCTGAACCCGAGGAAAAGAGTCTTTGAA
 TATCTCCGTAGGAGTTCACCCCTGGACTCCTTCACTCAGGGGTTGGGGAGCAGCCACAGGGGACCTG
 CCCATAGGGCCACCTTTTGGATGCCACAGGGGCCCTGCTGTCTACACCGCAGTTTGGATGCTTCAGA
 ATCCCCTGGGTCTCACAGGAGCCCTTCAGGTCCAGGTCCGGCGGGGTGGCCGGGCCAGGGGTGGGACGG
 CCCTCGGCCTAACATCTGTGGCATCTGCGGGAAGAGCTTCGGGCGGGGCTCCACCCTGATCCAGCACCAG
 CGCATCCACACCGGTGAGAAGCCCTACAAATGTGAGGTCTGCAGCAAGGCCTTCTCCAGAGCTCTGACC
 TCATCAAACACAGCGCACCCACACTGGCGAGCGGCCCTACAAATGTCCCGTTGCGGCAAGGCCTTCG
 CGACAGCTTTACCTGCTTCGCCACCAGCGCACTACTCTGGCCAGAAGCCCTACAAGTGCCACATTGT
 GGCAAGGCCTTCGGCGACAGCTCCTACCTCCTGCGACACCAGCGCACCCACAGCCACGAGGGTCCACCG
 GCTGACCCGAGTGGGCAAGTCTATAGCCAGAAGTCTCCCTGCGCAGCCATCAGAGGGTCCACACCGCG
 TCAGAGGCCCTTCAGCTGTGGCATCTGCGGCAAGAGCTTCTCCAGCGGTCCGCCCTTATCCCCCATGCC
 CGCAGCCACGCCCGGGAAGCCCTTCAAGTGCCCTGAGTGGGCAAGCGCTTTGGCCAGAGCTCGGTGC
 TGGCCATCCACGCCCGCACCCACCTGCCAGGCCGACCTACAGCTGCCCGACTGCGGCAAGACCTTCAA
 TCGCTCTCCACTCTCATCCAGCACCAGCGCTCCACACGGGCGAGCGGCCCTACAGGTGCGCCGTGTGC
 GGCAAGGGCTTCTGCCGCTCTCCACGCTTCTGCAGCATACCGGGTCCACAGTGGCGAGCGCCCTTACA
 AGTGGATGACTGCGGAAAGGCCTTCTCCAGAGCTCCGACCTCATCCGCCACCAGCGGACCCACGCGGC
 GGGCCGGCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202235 representing NM_024671
 Red=Cloning site Green=Tags(s)

MEREALPWGLEPQDVQSSDEMRSPEGYL RGNMSENEEEEEISQEGSGDYEVVEEIPFGLEPQSPGFEPQSP
 EFEPQSPRFEPESPGFESRSPGLVPPSPEFAPRSPESDSQSPEFESQSPRYEPQSPGYEPRSPGYEPRSP
 GYESESSRYESQNTLKTQSPEFEAQSSKFQEGAEMLLNPEEKSPLNISVGVHPLDSFTQGFGEQPTGDL
 PIGPPFEMPTGALLSTPQFEMLQNPLGLTGALRGPGRGRARGGQPRPNICGICGKSFGRGSTLIQH
 RIHTGEKPYKCEVCSKAFSQSSDLIKHQRTHTERPYKCPRCGKAFADSSYLLRHQRTHSGQPKYKCPHC
 GKAFGSSYLLRHQRTHSHERPYSCTECGKCYSSQLRSHQVHTGQRPFCGICGKSFQSRSALIPHA
 RSHAREKPFKCECGKRFQSSVLAIHARTHLPGRYSCPDGKTFNRSSTLIQHRSHTGERPYRCAVC
 GKGFCSRSTLLQHHRVHSGERPYKDDCGKAFSQSSDLIRHQRTHAAGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8112_d04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_024671

ORF Size: 1620 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_024671.4](#)

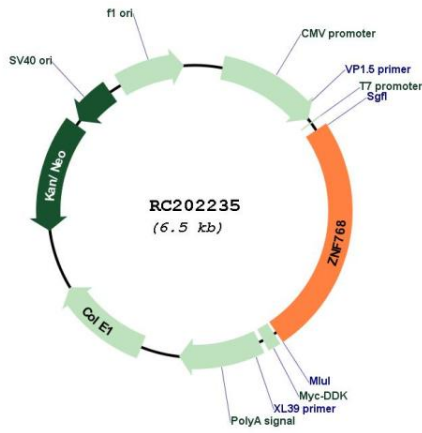
RefSeq Size: 2332 bp

RefSeq ORF: 1623 bp

Locus ID: 79724

UniProt ID: [Q9H5H4](#)
 Cytogenetics: 16p11.2
 Protein Families: Transcription Factors
 MW: 60 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC202235