

Product datasheet for **RC200163**

ZNF692 (NM_017865) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF692 (NM_017865) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF692
Synonyms:	AREBP; Zfp692
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC200163 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCTCCCGCGGTGGACGTGTCTGCAGGCGCGGAGAAGCGCGGCAGCTGGACGCGCGCC
 GCAGCAAGTGCCGCATCCGCCTGGGCGGCCACATGGAGCAGTGGTGCCTCCTCAAGGAGCGGCTGGGCTT
 CTCCCTGCACTCGCAGCTCGCCAAGTTCCTGTTGGACCGGTACACTTCTTCAGGCTGTGTCTCTGTGCA
 GGTCTGAGCCTTTGCCTCCAAAAGGTCTGCAGTATCTGGTGTCTTGTCTCATGCCCACAGCCGAGAGT
 GCAGCCTGGTGCCCGGGCTTCGGGGGCTGGCGGCCAAGATGGGGGGCTTGTGTGGGAGTGCTCAGCAGG
 CCATACCTTCTCCTGGGACCTCTTTGAGCCCTACACCTTCAGAGGCACCCAAGCCAGCCTCCCTTCCA
 CATACTACTCGGAGAAGTTGGTGTTCGAGGCCACGAGTGGGCAGGAGCTTGAGATTTGGAATCTGAGC
 ATGATGAGAGGACTCAAGAGGCCAGGTTGCCAGGAGGTGGGACCCCAAGAGACCTTCCACCTCC
 AGGAGAGGAAGAGGTGAGGAAGAAGAGGACAATGATGAGGATGAAGAGGAGATGCTCAGTGATGCCAGC
 TTATGGACCTACAGCTCCTCCCAAGATGATAGTGAAGCTGATGCCCCAGACTACTGCCTTCCCCTGTCA
 CCTGCACACCTAAAGAGGGGGAGACACCACAGCCCTGCAGCACTCTCCAGTCTCTTGTGTGCCGGC
 CTTGTGACATCCTCATTGAGTTCAGAGCTCCTCCACCTGCAGAAGTCAGGGTGCAGCCACAGCTCAGC
 AGGACCCCTCAAGCGGCCAGCAGACTGAGGCCCTGGCCAGCACTGGGAGTCAGGCCAGTCTGTCCAA
 CCCCCTGCTGGGATGAGGACACTGCACAAATTGGCCCCAAGAGAATTAGGAAAGCTGCCAAAAGAGAGCT
 GATGCCTTGTGACTTCCCTGGCTGTGGAAGGATCTTCTCAACCGGCAGTATTTGAATCACCACAAAAAG
 TACCAGCACATCCACCAGAAGTCTTCTCCTGCCAGAGCCAGCCTGTGGGAAGTCTTCAACTTTAAGA
 AACACCTGAAGGAGCACATGAAGCTGCAGATGACACCCGGGACTACATCTGTGAGTTCTGCGCCCGGT
 TTTCCGCACTAGCAGCAACCTTGTCTCCACAGACGTATCCACACTGGAGAAAAACCCCTGCAGTGTGAG
 ATATGCGGGTTTACCTGCCGCCAGAAGGCTTCCCTGAACTGGCACCAGCGCAAGCATGCAGAGACGGTGG
 CTGCCTTGCGCTTCCCCTGTGAATTCTGCGGCAAGCGCTTGTAGAAGCCAGACAGTGTGACGCCACCG
 TAGCAAAAGTCACCCAGCCCTGCTTCTAGCCCTCAAGAGTCACCCAGTGGTCCCCTAGAGCCCTGTCCC
 AGCATCTCTGCCCTGGGCTCTGGGATCCAGCGAGGGGTCCAGGCCCTCTGCATCTCTCAGGCTCCAA
 CCCTGCTTCTCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200163 protein sequence
 Red=Cloning site Green=Tags(s)

MASSPAVDVSCRRREKRRQLDARRSKRIRLGGHMEQWCLLKERLGFSLHSQKAKFLLDRYTSSGCVLCA
 GPEPLPPKGLQYLVLLSHAHSRECSLVPLRGPGQDGLVWECSAGHTFSWGPSLSPTPSEAPKPASLP
 HTRRSWCSEATSGQELADLESEHDERTQEARLPRRVGPPPETFPFPGEEEEEEEDNDEDEEMLSDAS
 LWYSSSPDDSEPDAPRLPSPVTCTPKEGETPPAPAALSSPLAVPALSSSLSSRAPPPAEVRVQPQLS
 RTPQAAQQTEALASTGSQAQSAPTPAWDEDTAQIGPKIRKAAKRELMPCDFPGCGRIFSNRQYLNHHKK
 YQHIHQKSFSCPEPACGKSFNFKKHLKEHMKLHSDTRDYICEFCARSFRTSSNLVIHRIHTGEKPLQCE
 ICGFTCRQKASLNWHQRKHAETVAALRFPCEFCGRFEKPDVAHRSKSHPALLLAPQESPSGPLEPCP
 SISAPGPLGSSEGRPSASPQAPTLLPQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6394_f10.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_017865

ORF Size: 1557 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_017865.4](#)

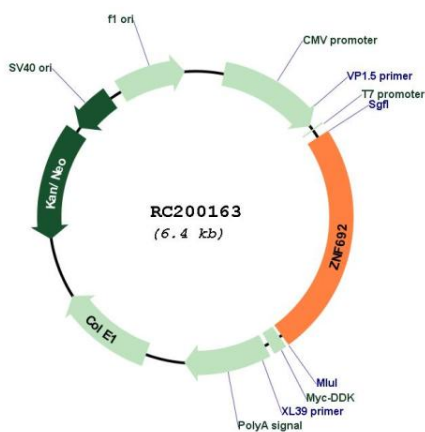
RefSeq Size: 1992 bp

RefSeq ORF: 1560 bp

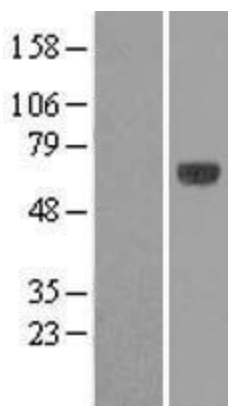
Locus ID: 55657

UniProt ID: Q9BU19
Cytogenetics: 1q44
Domains: zf-C2H2
MW: 57 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

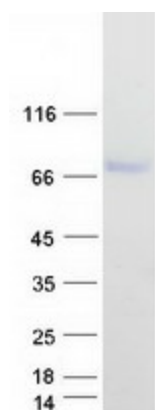
Product images:



Circular map for RC200163



Western blot validation of overexpression lysate (Cat# [LY413487]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200163 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZNF692 protein (Cat# [TP300163]). The protein was produced from HEK293T cells transfected with ZNF692 cDNA clone (Cat# RC200163) using MegaTran 2.0 (Cat# [TT210002]).