

Product datasheet for **RG200163**

ZNF692 (NM_017865) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF692 (NM_017865) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF692
Synonyms:	AREBP; Zfp692
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG200163 representing NM_017865
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCTCCCGCGGTGGACGTGTCTGCAGGCGCGGAGAAGCGCGGCAGCTGGACGCGCGCC
 GCAGCAAGTGCCGCATCCGCCTGGGCGGCCACATGGAGCAGTGGTGCCTCCTCAAGGAGCGCTGGGCTT
 CTCCCTGCACTCGCAGCTCGCCAAGTTCCTGTTGGACCGGTACACTTCTTCAGGCTGTGTCTCTGTGCA
 GGTCTGAGCCTTTGCCTCCAAAGGTCTGCAGTATCTGGTGTCTTGTCTCATGCCCACAGCCGAGAGT
 GCAGCCTGGTGCCCGGGCTTCGGGGGCTGGCGGCCAAGATGGGGGGCTTGTGTGGGAGTGCTCAGCAGG
 CCATACCTTCTCCTGGGACCTCTTTGAGCCCTACACCTTCAGAGGCACCCAAGCCAGCCTCCCTTCCA
 CATACTACTCGGAGAAGTTGGTGTTCGAGGCCACGAGTGGGCAGGAGCTTGAGATTTGGAATCTGAGC
 ATGATGAGAGGACTCAAGAGGCCAGGTTGCCAGGAGGTGGGACCCCAAGAGACCTTCCACCTCC
 AGGAGAGGAAGAGGTGAGGAAGAAGAGGACAATGATGAGGATGAAGAGGAGATGCTCAGTGATGCCAGC
 TTATGGACCTACAGCTCCTCCCAAGATGATAGTGAGCCTGATGCCCCAGACTACTGCCTTCCCCTGTCA
 CCTGCACACCTAAAGAGGGGGAGACACCACAGCCCTGCAGCACTCTCCAGTCTCTTGTGTGCCGGC
 CTTGTGAGCATCCTATTGAGTTCAGAGCTCCTCCACCTGCAGAAGTCAGGGTGCAGCCACAGCTCAGC
 AGGACCCCTCAAGCGGCCAGCAGACTGAGGCCCTGGCCAGCACTGGGAGTCAGGCCAGTCTGTCTCAA
 CCCCCTGCTGGGATGAGGACACTGCACAAATTGGCCCCAAGAGAATTAGGAAAGCTGCCAAAGAGAGCT
 GATGCCTTGTGACTTCCCTGGCTGTGGAAGGATCTTCTCAACCGGCAGTATTGAATCACCACAAAAAG
 TACCAGCACATCCACCAGAAGTCTTCTCCTGCCAGAGCCAGCCTGTGGGAAGTCTTCAACTTTAAGA
 AACACCTGAAGGAGCACATGAAGCTGCACAGTGACACCCGGGACTACATCTGTGAGTTCTGCGCCCGGT
 TTTCCGCACTAGCAGCAACCTTGTCTCCACAGACGTATCCACACTGGAGAAAAACCCCTGCAGTGTGAG
 ATATGCGGGTTTACCTGCGGCCAGAAGGCTTCCCTGAACTGGCACCAGCGCAAGCATGCAGAGACGGTGG
 CTGCCTTGTGCTTCCCCTGTGAATTCTGCGGCAAGCGCTTGTAGAAGCCAGACAGTGTGACGCCACCG
 TAGCAAAAGTCACCCAGCCCTGCTTCTAGCCCTCAAGAGTCACCCAGTGGTCCCCTAGAGCCCTGTCCC
 AGCATCTCTGCCCTGGGCTCTGGGATCCAGCGAGGGGTCCAGGCCCTCTGCATCTCTCAGGCTCCAA
 CCCTGCTTCTCAGCAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG200163 representing NM_017865
 Red=Cloning site Green=Tags(s)

MASSPAVDVSCRRREKRRQLDARRSKRIRLGGHMEQWCLLKERLGFSLHSQAKFLLDRTYSSGCVLCA
 GPEPLPPKGLQYLVLSSHASRECSLVPGLRPGGQDGLVWECSAGHTFSWGPSLSPTPSEAPKPASLP
 HTRRSWCSEATSGQELADLESEHDERTQEARLPRRVGPPPETFPPPGEEEEEEEDNDEDEEEMLS
 LWYSSSPDDSEPDAPRLPSPVTCTPKEGETPPAPAALSSPLAVPALSSSLSSRAPPPAEVRVQPLS
 RTPQAAQQTEALASTGSQAQSAPTPAWDEDTAQIGPKRIRKAAKRELMPCDFPGCGRIFSNRQYLNHHK
 YQHIHQKSFSCPEPACGKSFNFKHLKEHMKLHSDTRDYICEFCARSFRTSSNLVIHRIHTGEKPLQCE
 ICGFTCRQKASLNWHQRKHAETVAALRFPCEFCGRFEKPDVAAHRSKSHPALLLAPQESPSGPLEPCP
 SISAPGPLGSSEGRPSASPQAPTLLPQQ

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-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](#)

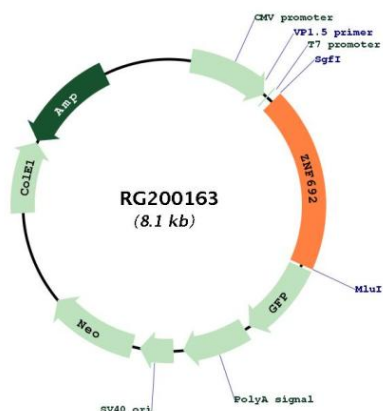
RefSeq Size: 1986 bp

RefSeq ORF: 1560 bp

Locus ID: 55657

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

Product images:



Circular map for RG200163