

Product datasheet for **RC227052**

ZNF692 (NM_001136036) Human Tagged ORF Clone

Product data:

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



ORF Nucleotide Sequence: >RC227052 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTCTGGTGACATGGCTTCCTCCCCGGGTGGACGTGCTCCTGCAGGCGCGGGAGAAGCGGCGGC
 AGCTGGACGCGCGCCGAGCAAGTGCATCCGCCTGGGCGGCCACATGGAGCAGTGGTGCTCCTCAA
 GGAGCGGCTGGGCTTCTCCCTGCACCTCGCAGCTCGCCAAGTTCCTGTTGGACCGGTACACTTCTCAGGC
 TGTGTCTCTGTGCAGGTCTGAGCCTTTGCCTCCAAAAGGTCTGCAGTATCTGGTGCTCTGTCTCATG
 CCCACAGCCGAGAGTGCAGCCTGGTGCCCGGGCTTCGGGGGCTGGCGGCCAAGATGGGGGGCTTGTGTG
 GGAGTGCTCAGCAGGCCATACCTTCTCCTGGGGACCTCTTTGAGCCCTACACCTTCAGAGGCACCCAAG
 CCAGCCTCCCTCCACATACTACTCGGAGAAGTTGGTGTTCGAGGCCACGAGTGGGAGGAGCTTGCAG
 ATTTGGAATCTGAGCATGATGAGAGGACTCAAGAGGCCAGGTTGCCAGGAGGGTGGGACCCCCACCAGA
 GACCTTCCACCTCCAGGAGAGGAAGAGGGTGAGGAAGAAGAGGACAATGATGAGGATGAAGAGGAGATG
 CTCAGTGATGCCAGCTTATGGACCTACAGCTCCTCCCAAGATGATAGTGAGCCTGATGCCCCCAGACTAC
 TGCTTCCCCTGTACCTGCACACCTAAAGAGGGGGAGACACCACAGCCCTGCAGCACTCTCCAGTCC
 TCTTGCTGTGCGGCTTGTGAGCATCCTCATTGAGTTCAGAGCTCCTCCACCTGCAGAAGTCAAGGTG
 CAGCCACAGCTCAGCAGGACCCCTCAAGCGGCCAGCAGACTGAGGCCCTGGCCAGCACTGGGAGTCAGG
 CCCAGTCTGCTCCAACCCCGGCTGGGATGAGGACACTGCACAAATTGGCCCCAAGAGAATTAGGAAAGC
 TGCCAAAAGAGAGCTGATGCCTTGTGACTTCCCTGGCTGTGGAAGGATCTTCTCCAACCGGAGTATTTG
 AATCACCACAAAAGTACCAGCACATCCACCAGAAGTCTTTCTCCTGCCAGAGCCAGCCTGTGGGAAGT
 CTTTCAACTTTAAGAAACACCTGAAGGAGCACATGAAGCTGCACAGTGACACCCGGGACTACATCTGTGA
 GTTCTGCGCCCGGTCTTTCCGCACTAGCAGCAACCTTGTATCCACAGACGTATCCCACTGGAGAAAAA
 CCCCTGCAGTGTGAGATATGCGGGTTTACCTGCCGCCAGAAGGCTTCCCTGAACTGGCACCAGCGCAAGC
 ATGCAGAGACGGTGGCTGCCTTGCCTTCCCTGTGAATTCGCGGCAAGCGCTTTGAGAAGCCAGACAG
 TGTTCAGCCCCACCGTAGCAAAAGTACCCAGCCCTGCTTCTAGCCCTCAAGAGTCACCCAGTGGTCCC
 CTAGAGCCCTGTCCAGCATCTCTGCCCTTGGGCTCTGGGATCCAGCAGGGGTCCAGGCCCTCTGCAT
 CTCCTCAGGCTCAACCTGCTTCCTCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC227052 protein sequence
 Red=Cloning site Green=Tags(s)

MPLVHMASSPAVDVSCRREKRRLDARRSKRIRLGGHMEQWCLLKERLGFSLHSQAKFLLDRYTSSG
 CVLCAGPEPLPPKGLQYLVLSSHASRECSLVPGLRPGGQDGLVWECSAGHTFSWGPSLSPTPSEAPK
 PASLPHTRRSWCSEATSGQELADLESEHDERTQEARLPRRVGPPPETFPFPGEEEGEEEDNDEDEEM
 LSDASLWYSSSPDDSEPDAPRLLPSPVTCTPKEGETPPAPAALSSPLAVPALSSSLSSRAPPPAEVRV
 QPQLSRTPQAAQTEALASTGSQAQSAPTPAWDEDTAQIGPKRIRKAAKRELMPCDFPGCGRIFSNRQYL
 NHHKKYQHIIHQSFSCPEPACGKSFNFKKHLKEHMKLHSDTRDYICEFCARSFRTSSNLVIHRIHTGEK
 PLQCEICGFTCRQKASLNWHQRKHAETVAALRFPCEFCGKRFEKPDSSVAHRSKSHPALLLAPQESPSGP
 LEPCPSISAPGPLGSSEGSRPSASPQAPTLLPQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001136036

ORF Size: 1572 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:

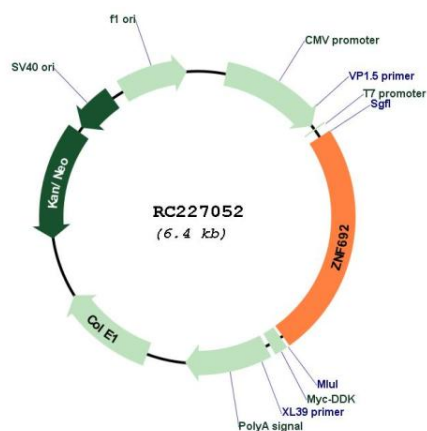
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001136036.3](#)

RefSeq Size: 2208 bp

RefSeq ORF:	1575 bp
Locus ID:	55657
UniProt ID:	Q9BU19
Cytogenetics:	1q44
MW:	57.5 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RC227052