

Product datasheet for **RG227052**

ZNF692 (NM_001136036) Human Tagged ORF Clone

Product data:

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



ORF Nucleotide Sequence: >RG227052 representing NM_001136036
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTCTGGTGACATGGCTTCCTCCCCGGGTGGACGTGCTCTGCAGGCGGCGGAGAAAGCGGCGGC
 AGCTGGACGCGCGCCGAGCAAGTGCATCCGCTGGGCGGCCACATGGAGCAGTGGTGCCTCCTCAA
 GGAGCGGCTGGGCTTCTCCCTGCACCTCGCAGCTCGCAAGTTCCTGTTGGACCGGTACACTTCTCAGGC
 TGTGTCTCTGTGCAGGTCTGAGCCTTTGCCCTCAAAAGGTCTGCAGTATCTGGTGTCTTGTCTCATG
 CCCACAGCCGAGAGTGCAGCCTGGTGGCGGGCTTCGGGGGCTGGCGGCAAGATGGGGGCTTGTGTG
 GGAGTGTCTCAGCAGGCCATACCTTCTCCTGGGACCTCTTTGAGCCCTACACCTTCAGAGGCACCCAAG
 CCAGCCTCCCTCCACATACTACTCGGAGAAGTTGGTGTTCGAGGCCACGAGTGGGAGGAGCTTGCAG
 ATTTGGAATCTGAGCATGATGAGAGGACTCAAGAGGCCAGGTTGCCAGGAGGGTGGGACCCCCACCAGA
 GACCTTCCACCTCCAGGAGAGGAAGAGGGTGAAGGAAGAAGAGGACAATGATGAGGATGAAGAGGAGATG
 CTCAGTGATGCCAGCTTATGGACCTACAGCTCCTCCCAAGATGATAGTGAAGCTGATGCCCCAGACTAC
 TGCTTCCCCTGTACCTGCACACCTAAAGAGGGGGAGACACCACAGCCCTGCAGCACTCTCCAGTCC
 TCTTGTGTGCCGGCTTGTGAGCATCCTCATTGAGTTCAGAGCTCCTCCACCTGCAGAAGTCAAGGTG
 CAGCCACAGCTCAGCAGGACCCCTCAAGCGGCCAGCAGACTGAGGCCCTGGCCAGCACTGGGAGTCAGG
 CCCAGTCTGCTCCAACCCCGGCTGGGATGAGGACACTGCACAAATTGGCCCCAAGAGAATTAGGAAAGC
 TGCCAAAAGAGAGCTGATGCCTTGTGACTTCCCTGGCTGTGAAGGATCTTCTCCAACCGGAGTATTTG
 AATCACCACAAAAAGTACCAGCACATCCACCAGAAGTCTTTCTCCTGCCAGAGCCAGCCTGTGGGAAGT
 CTTTCAACTTTAAGAAACACCTGAAGGAGCACATGAAGCTGCACAGTGACACCCGGGACTACATCTGTGA
 GTTCTGCGCCCGGTCTTTCCGCACTAGCAGCAACCTTGTATCCACAGACGTATCCCACTGGAGAAAAA
 CCCCTGCAGTGTGAGATATGCGGGTTTACCTGCCGCCAGAAGGCTTCCCTGAACTGGCACCAGCGCAAGC
 ATGCAGAGACGGTGGCTGCCTTGCCTTCCCTGTGAATTCGCGGCAAGCGCTTTGAGAAGCCAGACAG
 TGTTCAGCCCCACCGTAGCAAAAGTACCCAGCCCTGCTTCTAGCCCTCAAGAGTCACCCAGTGGTCCC
 CTAGAGCCCTGTCCAGCATCTCTGCCCCTGGGCTCTGGGATCCAGCAGGGGTCCAGGCCCTCTGCAT
 CTCCTCAGGCTCAACCTGCTTCCTCAGCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG227052 representing NM_001136036
 Red=Cloning site Green=Tags(s)

MPLVHMASSPAVDVSCRRREKRRQLDARRSKCRIRLGGHMEQWCLLKERLGFSLHSQLAKFLLDRYTSSG
 CVLCAGPEPLPPKGLQYLVLSSHASRECSLVPGLRPGGQDGLVWECSAGHTFSWGPSLSPTPSEAPK
 PASLPHTRRSWCSEATSGQELADLESEHDERTQEARLPRRVGPPPETFPFPGEEEEEEEEEDNDEDEEM
 LSDASLWYSSSPDDSEPDAPRLPSPVTCTPKEGETPPAPAALSSPLAVPALSSSLSSRAPPPAEVRV
 QPQLSRTPQAAQTEALASTGSQAQSAPTPAWDEDTAQIGPKIRKAARELMPCDFPGCGRIFSNRQYL
 NHHKKYQHIHQKSFSCPEPACGKSFNFKKHLKEHMKLHSDTRDYICEFCARSFRTSSNLVIHRRITGK
 PLQCEICGFTCRQKASLNWHRKHAETVAALRFPCFCGKRFKPDVSVAHRKSHPALLLAPQESPSGP
 LEPCPSISAPGPLGSSEGRSPASPAQPTLLPQQ

TRTRPLE - GFP Tag - V

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.

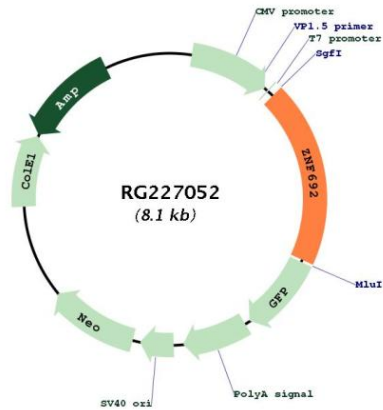
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001136036.3](#)

RefSeq Size: 2208 bp

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

Product images:



Circular map for RG227052