

Product datasheet for **SC113905**

ZNF692 (NM_017865) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF692 (NM_017865) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF692
Synonyms:	AREBP; Zfp692
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_017865, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCTCCCGCGGTGGACGTGTCCTGCAGGCGGGGAGAAGCGGCGGCAGCTGGACGCGCGCC
GCAGCAAGTGCCGCATCCGCCTGGGCGGCCACATGGAGCAGTGGTGCCTCCTCAAGGAGCGGCTGGGCTT
CTCCCTGCACTCGCAGCTCGCCAAGTTCTGTGGACCGGTACACTTCTCAGGCTGTGCTCTGTGCA
GGTCTGAGCCTTGCCTCCAAAAGTCTGCAGTATCTGGTGTCTTGTCTCATGCCACAGCCGAGAGT
GCAGCCTGGTGCCCGGGCTTCGGGGGCCTGGCGGCAAGATGGGGGGCTGTGTGGGAGTCTCAGCAGG
CCATACCTTCTCCTGGGGACCCTCTTTGAGCCCTACACCTTACAGAGGCACCCAAGCCAGCCTCCCTTCCA
CATACTACTCGGAGAAGTTGGTGTCCGAGGCCACGAGTGGCAGGAGCTTGCAGATTTGGAATCTGAGC
ATGATGAGAGGACTCAAGAGGCCAGGTTGCCAGGAGGTGGGACCCCAACAGAGACCTTCCACCTCC
AGGAGAGGAAGAGGGTGAGGAAGAAGAGGACAATGATGAGGATGAAGAGGAGATGCTCAGTGATGCCAGC
TTATGGACCTACAGCTCCTCCCAAGATGATAGTGAGCCTGATGCCCCAGACTACTGCCTTCCCCTGTCA
CCTGCACACCTAAAGAGGGGGAGACACCAGCCCTGCAGCACTCTCCAGTCTCTTGTGTGCCGGC
CTTGTCAGCATCCTCATTGAGTTCAGAGCTCCTCCACCTGCAGAAGTCAGGGTGCAGCCACAGCTCAGC
AGGACCCCTCAAGCGGCCAGCAGACTGAGGCCCTGGCCAGCACTGGGAGTCAGGCCCAGTCTGCTCCAA
CCCCGGCTGGGATGAGGACACTGCACAAATTGGCCCAAGAGAATTAGGAAAGCTGCCAAAAGAGAGCT
GATGCCTTGTGACTTCCCTGGCTGTGGAAGGATCTTCTCCAACCGGCAGTATTTGAATCACCACAAAAAG
TACCAGCACATCCACCAGAAGTCTTCTCCTGCCAGAGCCAGCCTGTGGGAAGTCTTTCAACTTTAAGA
AACACCTGAAGGAGCACATGAAGCTGCACAGTGACACCCGGGACTACATCTGTGAGTTCTGCGCCCGGTC
TTCCCGCACTAGCAGCAACCTTGTATCCACAGACGTATCCACACTGGAGAAAAACCCCTGCAGTGTGAG
ATATGCGGGTTTACCTGCCCGCAGAAGGCTTCCCTGAAGTGGCACCAGCGCAAGCATGCAGAGACGGTGG
CTGCCTTGCCTTCCCTGTGAATTCTGCGGCAAGCGCTTTGAGAAGCCAGACAGTGTGACGCCACCG
TAGCAAAAGTCACCCAGCCCTGCTTCTAGCCCTCAAGAGTCACCCAGTGGTCCCCTAGAGCCCTGTCCC
AGCATCTCTGCCCTGGGCTCTGGGATCCAGCGAGGGGTCCAGGCCCTCTGCATCTCCTCAGGCTCCAA
CCCTGCTTCTCAGCAATGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017865 unedited

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NNNNNGTCCAAAATTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGCCCCA
TTCACTGAGAGGAAACTGAGCCCTAACGGCAGGTGGAGCCGGGTCCCCGACCCCCGAGAT
CGGCAGGGCGCTGAAGACGTCCCTTCCACCCTCCAGCCTCTGGTGCACATGGCTTCTCC
CCGGCGGTGGACGTGCTCCTGCAGGCGGGGAGAAGCGGCGGCAGCTGGACGCGCGCCG
AGCAAGTGCCGCATCCGCCTGGGCGGCCACATGGAGCAGTGGTGCCTCCTCAAGGAGCGG
CTGGGCTTCTCCCTGCACTCGCAGCTCGCCAAGTTCTGTGGACCGGTTAGGGCCGGG
AGAAGGGCTTGGGGGAGGGTACCCAGGCAGCAGCCCTAGCCTCCTCCTCAGGGCTGTC
CTGCTGCTCTTTCCACCCTCAGGTTTCTCACTTTACCAGGACGGCCTGTGTGACTTGTG
GCCTCCGAGGGTCTGCTCCCCTCCTCATGGTCTCAGCGAATAGCGGCCCTTAGGGCTGG
CCCCTTACATGTGTGAGTGGCAGGCTGAGGGTGGCTGGCCACCTGAGTCTGACCTGCC
TCTTCTCCTGCTGGCAGGTACACTTCTTCCAGGGCTGTGCTCCTCTGGTGCAGGTCCTGAGC
CTTTGCTCCAAAAGTCTGAGTATNCTGGTGTCTTGTCTCATGCCACAGCCGAGAA
TGCAGCCTGGTCCGCTNTTTNNGGGGGGGCCCTGGCGCNCANAGGGGGGGGCTGGGG
TGGGGGAAGGTCTAAANAGGCCATACCTTCTCCCTGGGACCTTCTTTGAGCCCTACA
CCTTACAGAGGCACCCAGCCAGCCTNCTTTCCAATATNNGNGAAAAAATGGGGGTNCC
GAGCCACGANGGCAAGAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017865 unedited NTTTTACTCTGGACCCGCGGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTGC ATAAAATACTGTTTATTTTGTCTTTAGGAAGACTAAAGTAGTCCAGCTCCCCTACAGCC CAGTCTTGCCCCACCCTGCACTCTGTCGCCTTAGTTCCTGGGGACCAAGCATCTGGCAT TTCTCAAGCAGACCCTCTCCTTGTGCTCCTTTTCAGTCCCTGGAGTCTGGCTTCCCAA GCCAAAGCTGGAGGAGAGCTCATTGCTGAGGAAGCAGGGTTGGAGCCTGAGGAGATGCAG AGGGCCTGGACCCCTCGCTGGATCCCAGAGGCCAGGGGCAGAGATGCTGGGACAGGGCT CTAGGGGACCACTGGGTGACTCTTGAGGGGCTAGAAGCAGGGCTGGGTGACTTTTGCTAC GGTGGGCTGCAACACTGTCTGGCTTCTCAAAGCGCTTGCCGAGAATTACAGGGGAAGC GCAAGGCAGCCACCGTCTCTGCATGCTTGCCTGGTCCAGTTCAGGGAAGCCTTCTGGC GGCAGGTAACCCGCATATCTCACACTGCAGGGTTNTTCTCCAGTGTGGATACGTCTGT GGATGACAAGGTTGCTGCTAGTGCAGAAAGACCGGGCGCAGAACTCACAGATGTAGTCCC GGGTGTCACTGTGCAGCTTCATGTGCTCCTTCCAGTGTTCCTAAAGTTGAAAGACTTCC CACAGGCTGGCTCTGGCAGGAGAAAGACTTCTGGGGATGGGCTGGTACTTTTTGGGGG GATTCAAACACTGCCCGTGAAGAAGATCCTTCCAAGCCGGGAAGTCCAAGGCCTCAGC TCTCTTTTGGCAGCTTCTCAATCTCTTGGGCCAATTGGGGCGGGCCCTACCAAGCCC GGGGTGGGAAAAAATGGGCTGCTCCCAAGGCTGGC
Restriction Sites:	NotI-NotI
ACCN:	NM_017865
Insert Size:	2270 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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.
RefSeq:	NM_017865.2 , NP_060335.2
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]

Transcript Variant: This variant (2) contains a different first exon, which results in the use of a downstream start codon, compared to variant 1. The resulting protein (isoform 2) has a shorter N-terminus when it is compared to isoform 1.