

Product datasheet for **SC114589**

ZNF691 (NM_015911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF691 (NM_015911) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF691
Synonyms:	Zfp691
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114589 sequence for NM_015911 edited (data generated by NextGen Sequencing) <pre> ATGGGCAGTGAGAAGGAGCAGAGTCCAGAACCACACCTGCCTGAGGAAGGGGAAGGGGGT AAGCCTTGGAGAGTGGATGACTCAGAGGGTTCTTGGATCCCACCTGGGGAGAAGGAGCAT GGGCAAGAGAGCCTGTCCGATGAACTGCAAGAACTCATCCAAAAAGCCATGGCAGAAA GTCACTGTCCGGGCTCGAGAGCTAGGGGACCCATTGCTCATCAAGGCATGAGGCAGAT GAGAAGCCCTTTATATGTGCCAGTGTGGCAAAACCTTCAATAATACCTCCAACCTGAGA ACACACCAGCGGATCCACACTGGTGAGAAGCCTTACAAGTGTCTGAATGTGGCAAGAGC TTCTCGAGAAGCTCCAACCGCATCCGGCACGAGCGGATCCACCTGGAAGAGAAACACTAC AAATGCCCAAGTGCCAGGAGAGCTTTCGGCGGCGCTCAGACCTCACCACGCACCAGCAA GATCACCTAGGCAAGCGGCCATACCGCTGTGACATCTGTGGCAAGAGCTTCAGCCAGAGT GCCACGCTAGCTGTGCATCACCAGACCCACCTGGAGCCAGCACCTACATCTGCTGTGAG TGTGGGAAGAGCTTCAGCAACAGCTCCAGCTTTGGCGTGCATCACCACCCACACAGGT GAGAGACCTTATGAGTGCACTGAGTGTGGGCGGACCTTCAGCGATATCTCCAACCTTGGG GCACACCAGCGGACCCACAGAGGGGAGAAGCCCTACCGGTGCACTGTGTGTGGGAAACAC TTCTCCCGAGCTCGAATCTCATCCGCCACCAGAAAACCTCACTTGGGCGAACAGGCTGGG AAAGATTCCAGCTGA </pre>

Clone variation with respect to NM_015911.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015911 unedited
TACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGCGCGCTGTCCCTGATCGAGC
GGCGGGAGCGAGGGTTTCAGAGATGGGCAGTGAGAAGGAGCAGAGTCCAGAACCACACCTG
CCTGAGGAAGGGGAAGGGGGTAAGCCTTGGAGAGTGGATGACTCAGAGGGTTCTTGGATC
CCACCTGGGGAGAAGGAGCATGGGCAAGAGAGCCTGTCCGATGAAGTCAAGAACTCAT
CCAAAAAGCCATGGCAGAAAGTCACTGTCCGGGCTCGAGAGCTAGGGGACCCATTGCT
CATCCAAGGCATGAGGCAGATGAGAAGCCCTTTATATGTGCCAGTGTGGCAAAACCTTC
AATAATACCTCCAACCTGAGAACACACCAGCGGATCCACACTGGTGAGAAGCCTTACAAG
TGTTCTGAATGTGGCAAGAGCTTCTCGAGAAGCTCCAACCGCATCCGGCACGAGCGGATC
CACCTGGAAGAGAAACACTACAAATGCCCAAGTGCCAGGAGAGCTTTCGGCGGCGCTCA
GACCTACCCAGCAGCAGCAAGATCACCTAGGCAAGCGGCCATACCGCTGTGACATCTGT
GGCAAGAGCTTACNCAGAGTGGCAGCTAGCTGTGCATACCGGACCCACCTGGAGCCA
GCACCCTACATCTGCTGTGAGTGTGGGAAGAGCTTCAGCACAGCTCCAGCTTTGGCGTGC
ATCACCGCACCACAGGTGAGAGACCTTATGAGTGCAGTGTGGNCGGACCTTCAG
CGATATCTNCCACTNTGGAGCACANNGCGGACCACAGAGGNGAGAAGCCCTACGNTGC
ACTGTGTGTTGAAAAACACTTCTCCNGAGCTCGATTCTATCCGNCCAGAAAACTCACT
GGGCGAACAGCTGGAAGATTCCGCTGAGGANAGCCCTTTTGTGAGTGTGAGAGAGAGGAAG
ACCCTACTATGGAGAGACTTACTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015911 unedited
GGTACTCTAAGNACCGCGCCGATTCTANNGATCGTTTTTTTTTTTTTTTTTTTTTTTTT
TTTCATTGAAGGGTTTTACTGCTAATCACTCTGGGAAAAACAGAGGCAGGTTGGGGGAG
GGATAACAAGTAACAAACATGGGGGAAGTGTGAAGGTCCCTGGGTCATGGCTCCCTGAGG
GTTTCCCTTTCTTTCTAAGGTGGGACCTCAGATCTTCTCCAGACCAAGGAGGCCCT
TCCATTGAGAAGGTCACTCCTCCACCCAGAGATCTAGAAGCAAAGTTGGGGCACAACA
GGTGGGAAGTACAGGAAAGTGCAGTGCAGTCTACCTAAGCAGTTCACAGACAATTTGG
AGAACCTTCAGACAGTGCACCCATCTCATAAGTACTTCTCAAAGGCCAGGGGGACTGC
TGCCTTAATAACATGAGCATGTTCTGAGCTACCTATTTCTCTTTCACCCCAAGAAAGT
AAAGCCAAGACTGGGTCTTCTGACTTTCCAACACGAGAAATTGGCCTGGAAGAGGCAAG
GGTTTTTATTCAGAGTCCCTCCTCAGGACTTCTGAGATCCTGACTTCAGAGGTATAC
AAAACCATCTCAAAGTGGGATGAAGGGCTTGAGGTCAAGGTAGCAGCAAAAGATGCTG
AAGATCTTCTCCAATAGGTAGGTCTCACTCTCTCCCTCACTCTAAATGGGGCT
CTCCTTCACTGGAATCTTCCAGCCTGTTCCGCCAAGTGAGTTTCTGGTGGCGGATG
AGATTCGAGCTCCGGGAGAAGTGTTCCTCAACACAGTGCACCGGTAGGGCTTCTCCCTC
TGTGGGTCCGCTGGTGTCTCAAAGTTGGAGAATCGCTGAAGGTCCCGCCACACTCAGT
GCCTCATAAGGTCTCACTGTGT

Restriction Sites:

NotI-NotI

ACCN:

NM_015911

Insert Size:

1600 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:	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:	<u>NM_015911.2, NP_056995.1</u>
RefSeq Size:	1591 bp
RefSeq ORF:	855 bp
Locus ID:	51058
UniProt ID:	<u>Q5VV52</u>
Cytogenetics:	1p34.2
Domains:	zf-C2H2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks two alternate exons, which results in the use of a downstream start codon, compared to variant 1. The resulting protein (isoform 2) has a shorter N-terminus, compared to isoform 1.