

Product datasheet for **SC322166**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322166
 GCGAGGGCCTGGACGTAGTGTCTTCAACAGTTGTAACAGCAGCTGCCATTTGCTGAATGA
 CAGCATGTGTACACACTCTGCTGAGTATTACAGGCATTTTTTTCTAATACAAAGTCTTG
 TAGTGTGGGGTTTCAAGATGGGAGTGAGAGGAGCAGAGTCCAGAACACACCTGCCTG
 AGGAAGGGGAAGGGGTAAGCCTTGGAGAGTGGATGACTCAGAGGGTTCTTGGATCCCAC
 CTGGGGAGAAGGAGCATGGGCAAGAGAGCCTGTGCGATGAACTGCAAGAACTCATCCAA
 AAAAGCCATGGCAGAAAGTCACTGTCCGGGCTCGAGAGCTAGGGGACCCATTGCTCATC
 CAAGGCATGAGGCAGATGAGAAGCCCTTTATATGTGCCAGTGTGGCAAAACCTTCAATA
 ATACCTCCAACCTGAGAACACACAGCGGATCCACACTGGTGAGAAGCCTTACAAGTGTT
 CTGAATGTGGCAAGAGCTTCTCGAGAAGCTCCAACCGCATCCGGCAGAGCGGATCCACC
 TGGAGAGAAACACTACAAATGCCCAAGTGCCAGGAGAGCTTTCGGCGGCGCTCAGACC
 TCACCACGCACAGCAAGATCACCTAGGCAAGCGGCCATACCGCTGTGACATCTGTGGCA
 AGAGCTTCAGCCAGAGTGCCACGCTAGCTGTGCATCACCGGACCCACCTGGAGCCAGCAC
 CCTACATCTGCTGTGAGTGTGGGAAGAGCTTCAGCAACAGCTCCAGCTTTGGCGTGCATC
 ACCGCACCCACACAGGTGAGAGACCTTATGAGTGCAGTGTGGGCGGACCTTCAGCG
 ATATCTCCAACCTTGGAGCACACAGCGGACCCACAGAGGGGAGAAGCCCTACCGGTGCA
 CTGTGTGTGGGAAACACTTCTCCCGAGCTCGAATCTCATCCGCCACAGAAAACCTCACT
 TGGGCGAACAGGCTGGGAAAGATTCCAGCTGAAGGAGAGCCCCATTTAGAGTGAGGGAGA
 GAGAGTGAGAGACCCTAACCTATTGGAGGAAGATCTTCAGCATCTTTTGCTGCTACCTTG
 ACCTCAAGCCCTTCATCCCACTTTGGAGAATGGTTTTGTATAGCCTCTGAAGTCAGGATC
 TCAGGAAGTCTGAGGAGGGACTCTGGAATAAAAAACCCTTGCCCTTTCCAGGCCAATTT
 CTCGTGTTGGAAAGTCAGAAGACCCAGTCTTGGCTTTACTTTCTTGGGGTGAAGAGAAA
 TAGGGTAGGCTCAGAACATGCTCATGTTATTAAGGCAGCAGTCCCCTGGCCTTTGAGGA
 AGTACTTATGAGATGGGTGTCACTGTCTGAAGTTCTCCAAATTGTCTGTGAAGTCTTA
 GGTAGGAGTGCAGTTCCTGCTAGTTCCACCTGTTGTGCCCAACTTTGCTTCT
 AGATCTCTGGGTGGGAGGAGTGACCTTCTCAATGGAAGGGGCCTCCTTGGTCTGGAGAA
 GAGATCTGAGGTCCACCTTAGAAATGAAAGGGAACCTCAGGGAGCCATGACCCAGGG
 ACCTTCACACTCCCCATGTTTGTACTTGTATCCCTCCCCAACCTGCCTCTGTTTTT
 CCCAGAGTGATTAGCAGTAAAACCCTTCAATGAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015911

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.