

Product datasheet for **SC318331**

ZNF690 (ZSCAN29) (NM_152455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF690
Synonyms:	Zfp690; ZNF690
Vector:	<u>pCMV6 series</u>



Fully Sequenced ORF: >NCBI ORF sequence for NM_152455, the custom clone sequence may differ by one or more nucleotides

```

ATGATGGCCAAATCAGCTCTAAGAGAGAATGGCACTAACTCTGAGACCTTCCGACAGCGT
TTCAGGAGATTCCATTACCAGGAGGTGGCTGGGCCGCGGGAGGCTTTCAGCCAACTCTGG
GAATTTGTGTGTCGGTGGCTAAGGCCGGAGGTGCGACCAAGGAGCAGATTGTAGAATG
TTGGTGCTAGAGCAGTTCTGACCGTCTTACCTGGGGAGATCCAGAATTGGGTACAGGAA
CAATGTCCAGAAAATGGAGAGGAGGCAGTGAATCTCTGGAAGATTTAGAAAGAGAGCCT
GGAAGACCTAGATCTTCGGTCACAGTCTCTGTGAAGGGGCAGGAAGTGCCTTGGAGAAG
ATGACACCCCCGAAATCATCACAAGAGTTATTAAGTGTTCGGCAGGAGTCAAGTGAACCC
CAGCCCAGGGGTGTACCAAGAAAGAGAGGGCAAGAAGCCAGACCTGGGACCACAGGAG
CAGATGAACCCAAAGGAGAAGCTCAAACCTTTTCAAAGGAGCGGATTGCCATTTCTAAA
TCCGGTGTGGTCTCCAGTTGGAGCAAGGAGAGCCATGGATCCAGATCTGCTGGGCTCT
AAGGAGAAAGAACTTCCAAGTGGCAGCCACATAGGAGACAGACGAGTGCATGCTGATCTG
TTACCATCCAAGAAAGATAGAAGAAGCTGGGTGGAACAGGATCACTGGAGCTTTGAAGAT
GAGAAGGTGGCAGGTGTGCACTGGGGCTATGAAGAGACCAGAACGCTCCTCGCAATTCTC
AGCCAGACTGAGTTTTATGAGGCTCTCAGAAACTGCCATAGGAACAGCCAAGTGTATGGG
GCTGTGGCTGAGCGGCTCAGGGAATATGGCTTCTCCGGACCTGGAACAGTGTGCGACC
AAGTTCAAAGGTCTCCAGAAGAGCTATCGAAAGTCAAGAGCGGCCACCCACCTGAGACC
TGCCCTTCTTTGAAGAGATGGAAGCCCTGATGAGTGTCTCAGTCAATTGCCCTGCCAGT
AATGGCTTGAAGCAGCAGCCCTCTCACTCTGGCTGGTAGGCAGCGATGCTGAGACTGAA
GAGCCAGGGCAGAGGGGCTGGCAGCATGAGGAGGGAGCAGAAGAGGCTGTGGCTCAGGAG
TCTGACAGTGATGACATGGATCTAGAGGCGACCCCCAGGACCCCAACTCAGCTGCACCT
GTTGTGTTTCAAGCCAGGTGGTGTACTGGGGCTATGAAGAGACCAAGACTTACCTT
GCAATTTCTAGTGAGACCCAGTTTTATGAAGCCCTCCGGAAGTGTACCCGCAACAGCCAG
CTGTATGGAGCAGTGGCTGAGAGGTTATGGGAATATGGCTTCTTAGGACCCGAGAACAG
TGTCGAGCAAGTTTAAAGCCTGCAACACAGCTATCGGAAAGTTAAGAATGGCCAGGCA
CCAGAGACCTGTCCCTTCTTTGAAGAGATGGATGCTTTGGTGAGTGTCCGGTGTGCTGCC
CCACCCAATGATGGCCAGGAAGAGACTGCTTCTTGGCCCGTCCAGGGGACCAAGTGAAGCT
GAAGCTCAGAAGCAAGCTGAGGAAGCAGACGAGGCCACAGGGAAGATTCTGATGATGAT
GAAGAGGATACTGAGATACCCCAGGGGCTGTCAACCCGTGCTCCAGTGTTATTCCAA
AGCCCCCGTGGTTTTGAAGCTGGATTTGAGAATGAAGATAATTCAAACGGGATTTTCT
GAGGAAGTACAATGCATAGGACATTACTTGCAAGATCTGAAAGGAAAATTCCCGGTAT
CTTCATCAGGGTAAAGGCAATGAGAGTGAATGTAGATCAGGAAGACAGTGGGCAAGACC
TCAGGGGAGAAAAGAGGAAAAGTGAACCTCCCGGAGAGAGCTTAAGTGAAGTCTAAGT
CAACAGAGACCTTGGCTTGGGAGAGAGACCTATAAATATCTCAAATACAGCAAAAGCTTT
GGTCCAAACTCCCTTCTCATGCATCAGGTATCCACCAAGGTGGAATAATCCATATAAATGT
GCTGATTGTGGGAAAAGCTTCAGTCCGAGTGCACGACTCATTAGACACCGGAGAATCCAC
ACTGGAGAGAAACCTTATAAATGTCTTGACTGTGGAAGAAAGTTTCCGTGACAGTTCAAAT
TTCATACCCATAGGAGAATCCACACAGGAGAGAAACCTTATCAATGTGGTGAGTGTGGG
AAATGCTTCAATCAGAGCTCAAGCCTTATCATTACCAGAGAACCCACACAGGAGAAAAG
CCCTATCAATGTGAAGAGTGTGGAAGAAAGCTTCAATAACAGTTCTCATTTTAGTGACAT
CGGAGGATACACACAGGAGAGAGACCCATGTGTGCTGACTGTGGAAGAGTTTCAGT
AAGAGTTCTGACTTACGTGCACATCATAGAACCACACAGGAGAGAAACCTATGGGTGT
CATGACTGTGTAAGTGTTCAGTAAAAGCTCTGCCCTTAATAAGCAGGAGAAATCCAT
GCACGGGAAAAGCTTCTGACACAGTCAGTCCCAAG

```

Restriction Sites: Please inquire

ACCN: NM_152455

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_152455.3</u> , <u>NP_689668.3</u>
RefSeq Size:	5607 bp
RefSeq ORF:	2559 bp
Locus ID:	146050
UniProt ID:	<u>Q8IWY8</u>
Cytogenetics:	15q15.3
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]