

Product datasheet for **SC315565**

Zinc finger protein 682 (ZNF682) (NM_001077349) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 682 (ZNF682) (NM_001077349) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF682
Synonyms:	BC39498_3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001077349, the custom clone sequence may differ by one or more nucleotides ATGCTAGAGAACTACAGAAACCTGGTCTCTCTGGGCTTACTGTTTCTAAGCCAGAAGCTG ATTAGCCGCTGGAGCAAAGACAGGAGCCCTGGAATGTGAAGAGACATGAGACCATAGCC AAACCCAGCTATGTCTTCTCATTACACTGAAGACCTTTGCCAGAACAGTGCAATGCAA GATTCATTCCAAAAAGTACTGAGAAGATATGGAAGCTGTGGACTTGAGGATTTACAC TTAAGGAAGGATGGGAAAAATGTGGTGAGTGAAGGATCAAAAAGAAATTTATAATGGA CTTAACCAATGTTTGTCAACTCTACCTAGCAAAATTTCCCATATAATAAATGTGTGAAA GTCTTTAGTAAATCATCAATCTAAATAGAGAAAACATAAGACATACTACAGAGAAACTT TTCAAATGTATGCAATGTGGCAAAGCTTTAAATCTCACTCAGGCCTTTCTTATCATAAG ATAATTCACACTGAAGAGAACTCTGCATATGTGAGGAATGTGGCAAAACCTTTAAGTGG TTCTCATACCTTACTAAACATAAGAGAATTCACACTGGAGAGAAACCATACAAATGTGAA GAATGTGGCAAAGCTTTAACTGGTGCTCGAGTCTTACTAAACATAAGAGAATCCATACT GGTGAGAAACCTACAAATGTGAAGAATGTGGAAAAGCCTTTCACTGGTGTTCACCCTTT GTTAGACATAAGAAAATTCATACAGGAGAAAAACCTATACATGTGAAGACTGTGGCAGA GCGTTTAAACGGCACTCACATCTACCAACATAAGACAATTCACACTGGAAAGAAACCC TACAAATGTAAAGAATGTGGAAAGCCTTTAACCCTGCTCACTACTTACTATACATGAG AGAACCATACGGGAGAGAAACCTATAAATGTGAAGAATGTGGCAAAGCTTTAACTCA TCATCAATTCTTACTGAACATAAGGTAATTCATAGCGGAGAGAAACCTACAAATGTGAA AAATGTGACAAAGTCTTTAAGAGTTCTCATACTTACTAAACACAAGAGAATTCACACT GGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTAACTGGTCTCAATCCTT ACTGAACATAAGAGAATTCATACTGGAGAGAAACCTACAAGTGAAGAATGTGGAAAA GCCTTTAATCGGTGCTCACACCTTACTAGACATAAGAAAATTCATACTGCCGTCAAACGC TATAAATGTGAAGAATGTGGCAAAGCTTTAAACGGTGCTCACATCTTAAATGAACATAAG AGAGTTCAAAGAGGAGAGAAATCCTGCAAGTATAAAAAATGTGGGAAGCTTTAATCAC TGCTCAAACCTTACTACG
Restriction Sites:	Please inquire
ACCN:	NM_001077349



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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:	<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:	<u>NM_001077349.1, NP_001070817.1</u>
RefSeq Size:	3164 bp
RefSeq ORF:	1401 bp
Locus ID:	91120
Cytogenetics:	19p12
Protein Families:	Transcription Factors
Gene Summary:	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) includes an alternate segment in the 5' UTR and coding region and uses a downstream start codon, compared to variant 1. Isoform 2 has a shorter N-terminus, compared to isoform 1.</p>