

Product datasheet for **SC327083**

ZNF415 (NM_001164309) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF415 (NM_001164309) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF415
Synonyms:	Pact; ZfLp
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001164309, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCTTTTACTCAGTTGACATTCAGGGACGTGGCCATCGAATTCTCTCAAGATGAGTGG AAATGCCTGAACCTCTACACAGAGGACTTTATACAGGGATGTGATGTTGGAGAACTACAGG AACCTGGTCTCCCTGGATCTGTCTCGTAACTGTGTAATCAAGGAACTAGCACCACAACAG GAAGGTAACCCAGGAGAAGTATTCCACACAGTGACATTGGAACAACATGAAAAACATGAC ATTGAAGAGTTTTGCTTCAGGGAAATCAAGAAAAAATACACGACTTTGACTGTGAGTGG AGAGATGATGAAAGAAATTGCAACAAAGTGACTACGGCCCCAAAAGAAAATCTTACTTGT AGGAGAGACCAACGCGATAGAAGAGGTATAGGAAACAAGTCTATTAACATCAGCTTGGAA TTAAGCTTTTACCACATCCCCATGAACTGCAGCAGTTTCAAGCTGAAGGGAAAAATTTAT GAATGTAACCATGTTGAGAAGTCTGTCAACCATGGTTCCTCAGTTTCACCACCCCAAATA ATTTCTTCTACCATCAAAACCCATGTTTCTAATAAATATGGGACTGATTCATCTGTTCT TCATTACTCACACAAGAACAGAAATCATGCATTAGGGAAAAACCTTACAGATATATTGAG TGCGACAAAGCCTTGAATCATGGCTCACACATGACTGTACGTGAGTAAGTCATTCTGGA GAGAAAGGATATAAATGTGATCTGTGTGGCAAGGCTTTAGTCAAAAATCAAACCTTGCG CGTCATTGGAGAGTTCATACTGGAGAGAAACCATACAAATGTAATGAATGTGACAGAAGT TTCAGTCGCAACTCATGCCTTGCACTACATCGGAGAGTTCACACTGGAGAGAAACCTTAC AAATGTTATGAGTGTGACAAGGTCTTCAGTCGAAATTCATGCCTTGCACTACATCAGAAA ACTCATATTGGAGAGAAACCTTACACATGTAAGAGTGTGGCAAAGCCTTTAGTGTGAGG TCAACACTTACCAACCATCAGGTAATTCATAGTGGCAAGAAACCTTACAAATGCAATGAA TGTGGCAAGGTGTTCACTCAGACTTCAAGCCTTGCAACTCATCAGAGAATTCACACTGGG GAGAAACCATACAAGTGAATGAATGTGGTAAAGTCTTCAGTCAAGCTTCAAGCCTTGCA AGCATTGGAGAATTCATACTGGAGAGAAACCTTACAAATGCAATGAATGTGGTAAAGTT TTCAGTTACAATTCACACCTTGCGAGTCACTCGGAGAGTTCATACTGGAGAGAAACCTTAC AAGTGAATGAGTGTGGGAAAGCCTTTAGTGTGCACTTCAACTTAACTACCCATCAGGTC ATCCATACTGGAGAGAAGCCTTACAAATGTAATCAATGTGGCAAAGGCTTCAGTGTGCAT TCAAGCCTAACTACCCATCAGGTCATCCATACTGGAGAAAAACCTTACAAATGTAATGAG TGTGGCAAATCCTTTAGTGTGCGCCAAACCTCACTAGACATCAGATAATCCATACTGGA AAGAAACCTTACAAATGTAGTATTGTGGGAAGTCTTTAGTGTGCGCCAAACCTCTTC AGACATCAAATTATCCATACTAAGGAGAAACCTTATAAAAGAAAT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001164309
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_001164309.1, NP_001157781.1</u>
RefSeq Size:	2418 bp
RefSeq ORF:	1668 bp
Locus ID:	55786
UniProt ID:	<u>Q09FC8</u>
Cytogenetics:	19q13.42
Protein Families:	Transcription Factors
Gene Summary:	<p>Involved in transcriptional regulation. Transcriptional activity differed among the various isoforms. All isoforms except isoform 3 seem to suppresses the transcriptional activities of AP-1 and p53/TP53.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate exon containing a distinct start codon, compared to variant 1. The resulting isoform (2) is the same length as but has a distinct N-terminus, compared to isoform 1. Both variants 2 and 3 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>