

Product datasheet for **SC113567**

ZNF415 (NM_018355) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF415 (NM_018355) 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: >OriGene ORF within SC113567 sequence for NM_018355 edited (data generated by NextGen Sequencing)

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ATGGCTTTTACTCAGTTGACATTCAGGGACGTGGCCATCGAATTCTCTCAAGATGAGTGG
AAATGCCTGAACCTACACAGAGGACTTTATACAGGGATGTGATGTTGGAGAACTACAGG
AACCTGGTCTCCCTGGATCTGTCTCGTAACTGTGTAATCAAGGAACTAGCACCACAACAG
GAAGGTAACCCAGGAGAAGTATTCCACACAGTGACATTGGAACAACATGAAAAACATGAC
ATTGAAGAGTTTTGCTTCAGGGAAATCAAGAAAAAATACACGACTTTGACTGTCAGTGG
AGAGATGATGAAAGAAATGCAACAAAGTGACTACGGCCCCAAAAGAAAACTTACTTGT
AGGAGAGACCAACGCGATAGAAGAGGTATAGGAAACAAGTCTATTAACATCAGCTTGG
TTAAGCTTTTACCACATCCCCATGAACTGCAGCAGTTTCAAGCTGAAGGGAAAAATTTAT
GAATGTAACCATGTTGAGAAGTCTGTCAACCATGGTTCCTCAGTTTCACCACCCCAAATA
ATTTCTTCTACCATCAAAACCCATGTTTCTAATAAATATGGGACTGATTCATCTGTTCT
TCATTACTCACACAAGAACAGAAATCATGCATTAGGGAAAAACCTTACAGATATATTGAG
TGCACAAAGCCTTGAATCATGGCTCACACATGACTGTACGTGAGTAAGTCATTCTGGA
GAGAAAGGATATAAATGTGATCTGTGTGGCAAGGTCTTTAGTCAAAAATCAAACCTTGCG
CGTCATTGGAGAGTTCATACTGGAGAGAAACCATACAAATGTAATGAATGTGACAGAAAGT
TTCAGTCGCAACTCATGCCTTGCACTACATCGGAGAGTTCACACTGGAGAGAAACCTTAC
AAATGTTATGAGTGTGACAAGGTCTTCAGTCGAAATTCATGCCTTGCACTACATCAGAAA
ACTCATATTGGAGAGAAACCTTACACATGTAAGAGGTGTGGCAAAGCCTTTAGTGTGAGG
TCAACACTTACCAACCATCAGGTAATTCATAGTGGCAAGAAACCTTACAAATGCAATGAA
TGTGGCAAGGTGTTGAGTCAAGCTTCAAGCCTTCAACTCATCAGAGAATTCACACTGGG
GAGAAACCATACAAGTGAATGAATGTGGTAAAGTCTTCAGTCAAGCTTCAAGCCTTGA
AGCATTGGAGAATTCATACTGGAGAGAAACCTTACAAATGCAATGAATGTGGTAAAGTT
TTCAGTTACAATTCACACCTTGGAGTCACTCGGAGAGTTCATACTGGAGAGAAACCTTAC
AAGTGAATGAGTGTGGGAAAGCCTTTAGTGTGATTGCAACTTAACTACCCATCAGGTC
ATCCATACTGGAGAGAAGCCTTACAAATGTAATCAATGTGGCAAAGGCTTCAGTGTGCAT
TCAAGCCTAACTACCCATCAGGTCATCCATACTGGAGAAAAACCTTACAAATGTAATGAG
TGTGGCAAATCCTTTAGTGTGCGCCAAACCTCACTAGACATCAGATAATCCATACTGGA
AAGAAACCTTACAAATGTAGTATTGTGGGAAGTCCTTTAGTGTGCGCCAAACCTTTC
AGACATCAAAATTCCATACTAAGGAGAAACCTTATAAAAGAAATTA
    
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Clone variation with respect to NM_018355.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_018355 unedited
NTGTTCAAATTTTNGTATACGACTCATATAGGCGGCCCGCAATTCGCACGAGGAACGGA
TCGCGTTGGGTGAAGGTGACGGCGTTCGAGCGACCTCTCTGACCTCATCTCCTGCCTGTGT
CCTCCTCGCTCCCTCTGCTCCAGCCAAGCATGCGTCTTCTGTTCTCCTGGGCCGAGCTTG
CTCCTGCCTCAAGGCCTTACGTGGGCTGTGCCTCTGCTGGAACCTCGCTGGCCCCCTCAGC
TGCAGCATTGACTTCAAAGACTCCTGGCACATGAGGAAGAAACCCAGAAGAGGAGAGCA
AAGGAGTCAGGAATGGCTTTTACTCAGTTGACATTCAGGGACGTGGCCATCGAATTCTCT
CAAGATGAGTGGAAATGCCTGAACTCTACACAGAGGACTTTATACAGGGATGTGATGTTG
GAGAACTACAGGAACCTGGTCTCCCTGGATCTGTCTCGTAACTGTGTAATCAAGGAACTA
GCACCACAACAGGAAGGTAACCCAGGAGAAGTATTCCACACAGTGACATTGGAACAACAT
GAAAAACATGACATTGAAGAGTTTTGCTTCAGGGAAATCAAGAAAAAATACACGACTTT
GACTGTCAAGTGGAGAGATGATGAAAGAAATGCAACAAAGTGACTACGGCCCCAAAAGAA
AATCTCATTGTAGGAGAGACCAACGCGATAGAAGAGGTATAGGAAACAAGTCTATTA
CATCAGCTTGGATTAAGCTNTCTACCACATNCCATGAACTGCAGCAGTTTCAAGCTGAA
GGGAAAAATTAATGTAACCCATGTGAGAAGTCTGTCAACCATGGNTCCCTCAGTTCA
CCACCCAAATAAATCTTCTACATCAAAACCCATGTTCTAATAATATGGGACTGATTN
CATCTGTTCTTC
    
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Gene Summary:

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]

Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR and 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. Variants 2, 3 and 21 encode the same protein (isoform 2).