

Product datasheet for **RC228448**

ZNF415 (NM_001164309) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF415 (NM_001164309) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF415
Synonyms:	Pact; ZfLp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC228448 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTTACTCAGTTGACATTAGGGACGTGGCCATCGAATTCCTCAAGATGAGTGGAAATGCCTGA
 ACTCTACACAGAGGACTTTATACAGGGATGTGATGTTGGAGAACTACAGGAACCTGGTCTCCCTGGATCT
 GTCTCGTAACTGTGTAATCAAGGAACTAGCACCACAACAGGAAGGTAACCCAGGAGAAGTATTCCACACA
 GTGACATTGGAACAACATGAAAAACATGACATTGAAGAGTTTTGCTTCAGGGAAATCAAGAAAAAATAC
 ACGACTTTGACTGTCAGTGGAGAGATGATGAAAGAAATGCAACAAAGTACTACGGCCCCAAAAGAAAA
 TCTTACTTGTAGGAGAGACCAACCGATAGAAGAGGTATAGGAAACAAGTCTATTAACATCAGCTTGGAA
 TTAAGCTTTTACCACATCCCCATGAACTGCAGCAGTTTCAAGCTGAAGGGAAAAATTTATGAATGTAACC
 ATGTTGAGAAGTCTGTCAACCATGGTTCCTCAGTTTACCACCCCAAATAATTTCTTCTACCATCAAAC
 CCATGTTTCTAATAAATATGGGACTGATTTTCATCTGTTCTTACTACTCACACAAGAACAGAAATCATGC
 ATTAGGAAAAACCTTACAGATATATTGAGTGCACAAAGCCTTGAATCATGGCTCACACATGACTGTAC
 GTCAGGTAAGTCATTCTGGAGAGAAAGGATATAAATGTGATCTGTGTGGCAAGGCTTTAGTCAAAAATC
 AAACCTTGCGCGTCATTGGAGAGTTCATACTGGAGAGAAACCATACAAATGTAATGAATGTGACAGAAGT
 TTCAGTCGCAACTCATGCCTTGCCTACTCGGAGAGTTCACACTGGAGAGAAACCTTACAAATGTTATG
 AGTGTGACAAGGCTTTCAGTCGAAATTCATGCCTTGCCTACTACATCAGAAAACTCATATTGGAGAGAAAC
 TTACACATGTAAGAGGTGGCAAAAGCCTTTAGTGTGAGGTCAACACTTACCAACCATCAGGTAATTCAT
 AGTGGCAAGAAACCTTACAAATGCAATGAATGTGGCAAGGTGTTCAAGTCAAGCTTCAAGCTTCAAGCTT
 ATCAGAAATTCACACTGGGGAGAAACCATAACAAGTGAATGAATGGTAAAGTCTTCAAGCTTCAAGCTT
 AAGCCTTGAAGGCAATTGGAGAATTCATACTGGAGAGAAACCTTACAAATGCAATGAATGTGGTAAAGTT
 TTCAGTTACAATTCACACCTTGCAGTCACTCGGAGAGTTCATACTGGAGAGAAACCTTACAAGTGAATG
 AGTGTGGAAAGCCTTTAGTGTGCATTGCAACTTAACTACCCATCAGGTATCCATACTGGAGAGAAAGCC
 TTACAAATGTAATCAATGTGGCAAGGCTTCAAGTGTGCATTCAAGCCTAACTACCCATCAGGTATCCAT
 ACTGGAGAAAAACCTTACAAATGTAATGAGTGTGGCAAACTCCTTTAGTGTGCGCCAAACCTCACTAGAC
 ATCAGATAATCCATACTGGAAAGAAACCTTACAAATGATGATTGTGGGAAGTCTTTAGTGTGCGCC
 AAACCTCTCAGACATCAAATTATCCATACTAAGGAGAAACCTTATAAAAAGAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228448 protein sequence
 Red=Cloning site Green=Tags(s)

MAFTQLFRDVAIEFSQDEWKCLNSTQRTL YRDVMLENYRNLVSLDL SRNCVIKELAPQQEGNPGEV FHT
 VTLEQHEKHDIEEFCFREIKKKIHDQWRDDERNCKVTTAPKENLTCRRDQRDRRGIGNKSIKHQLG
 LSF LPHPELQQFQAEGKIYECNHVEKSVNHGSSVSPQIISSTIKTHVSNKYGTD FICSSLLTQE QKSC
 IREKPYRYIECDKALNHGSHMTVRQVSHSSEKGYKCDL CGKVF S QKSNLARHWRVHTGEKPYKCNECDRS
 FSRNSCLALHRRVHTGEKPYKCYECDK VFSRNSCLALHQKTHIGEKPYTCKE CGKAF SVRSTLTNHQVIH
 SGKKPYKCNECGK VFSQTSSLATHQRIHTGEKPYKCNECGK VFSQTSSLARHWRVHTGEKPYKCNECGK V
 FSYNSHLASHRRVHTGEKPYKCNECGKAF SVHSNL TTHQVIHTGEKPYKCNECGK VFSVHSSL TTHQVIH
 TGEKPYKCNECGK SFSVRPNL TRHQI IHTGKKPYKSDCGK SFSVRPNLFRHQI IHTKEKPYKRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001164309
ORF Size:	1665 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001164309.2
RefSeq Size:	2420 bp
RefSeq ORF:	1668 bp
Locus ID:	55786
UniProt ID:	Q09FC8
Cytogenetics:	19q13.42
Protein Families:	Transcription Factors
MW:	64.1 kDa
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]