

Product datasheet for **RG217984**

ZNF415 (NM_018355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF415 (NM_018355) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF415
Synonyms:	Pact; ZfLp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG217984 representing NM_018355
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTTACTCAGTTGACATTCAGGGACGTGGCCATCGAATTCCTCAAGATGAGTGGAAATGCCTGA
 ACTCTACACAGAGACTTTATACAGGGATGTGATGTTGGAGAAGTACAGGAACCTGGTCTCCCTGGATCT
 GTCTCGTAACTGTGTAATCAAGGAACTAGCACCAACAGGAAGGTAACCCAGGAGAAGTATTCCACACA
 GTGACATTGGAACAACATGAAAAACATGACATTGAAGAGTTTTGCTTCAGGGAAATCAAGAAAAAATAC
 ACGACTTTGACTGTCAGTGGAGAGATGATGAAAGAAATGCAACAAAGTACTACGGCCCCAAAAGAAAA
 TCTTACTTGTAGGAGAGACCAACCGCATAGAAGAGGTATAGGAAACAAGTCTATTAACATCAGCTTGG
 TTAAGCTTTCTACCACATCCCCATGAACTGCAGCAGTTTCAAGCTGAAGGGAAAAATTTATGAATGAACC
 ATGTTGAGAAGTCTGTCAACCATGGTTCCTCAGTTTACCACCCCAAATAATTTCTTCTACCATCAAAC
 CCATGTTTCTAATAAATATGGGACTGATTCATCTGTTCTTACTACTCACACAAGAACAGAAATCATGC
 ATTAGGAAAAACCTTACAGATATATTGAGTGCACAAAGCCTTGAATCATGGCTCACACATGACTGTAC
 GTCAGGTAAGTCATTCTGGAGAGAAAGGATATAAATGTGATCTGTGTGGCAAGGCTTTAGTCAAAAATC
 AAACCTTGCGCGTCATTGGAGAGTTCATACTGGAGAGAAACCATACAAATGTAATGAATGTGACAGAAGT
 TTCAGTCGCAACTCATGCCTTGCCTACTACCGAGAGTTCACACTGGAGAGAAACCTTACAAATGTTATG
 AGTGTGACAAGGCTTTCAGTCGAAATTCATGCCTTGCCTACTACATCAGAAAACTCATATTGGAGAGAAAC
 TTACACATGTAAGAGTGTGGCAAAGCCTTTAGTGTGAGGTCAACACTTACCAACCATCAGGTAATTCAT
 AGTGGCAAGAAACCTTACAAATGCAATGAATGTGGCAAGGTGTTCAAGTCAAGCTTCAAGCTTCAACTC
 ATCAGAAATTCACACTGGGGAGAAACCATAACAAGTGAATGAATGTGGTAAAGTCTTTCAGTCAGACTC
 AAGCCTTGAAGGCAATTGGAGAATTCATACTGGAGAGAAACCTTACAAATGCAATGAATGTGGTAAAGTT
 TTCAGTTACAATTCACACCTTGCAGTCACTCGGAGAGTTCATACTGGAGAGAAACCTTACAAGTGAATG
 AGTGTGGAAAGCCTTTAGTGTGCATTGCAACTTAACTACCCATCAGGTATCCATACTGGAGAGAAAGCC
 TTACAAATGTAATCAATGTGGCAAAGGCTTTCAGTGTGCATTCAAGCCTAACTACCCATCAGGTATCCAT
 ACTGGAGAAAAACCTTACAAATGTAATGAGTGTGGCAAATCCTTTAGTGTGCGCCAAACCTCCTAGAC
 ATCAGATAATCCATACTGGAAAGAAACCTTACAAATGTAATGATGTTGGGAAAGTCTTTAGTGTGCGCC
 AAACCTTTCAGACATCAAATTATCCATACTAAGGAGAAACCTTATAAAAAGAAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG217984 representing NM_018355
 Red=Cloning site Green=Tags(s)

MAFTQLTFRDVAIEFSQDEWKCLNSTQRTL YRDVMLENYRNLVSLDL SRNCVIKELAPQQEGNPGEVFHT
 VTLEQHEKHDIEEFCFREIKKKIHD FDCQWRDDERN CNKVT TAPKENLTCRRDQRDRRGIGNKSIKHQLG
 LSFLPHPHLQQFQAEGKIYECNHVEKSVNHGSSVSPPIISSTIKTHVSNKYGTD FICSSLLTQE QKSC
 IREKPYRYIECDKALNHGSHMTVRQVSHS GEKGYKCDL CGKVF S QKSNLARHWRVHTGEKPYKCNECDRS
 FSRNSCLALHRRVHTGEKPYKCYECDKVF SRNSCLALHQKTHIGE KPYTCKE CGKAF SVRSTLTNHQVIH
 SGKKPYKCNECGKVF SQTSSLATHQRIHTGEKPYKCNECGKVF SQTSSLARHWRVHTGEKPYKCNECGKV
 FSYNSHLASHRRVHTGEKPYKCNECGKAF SVHSNL TTHQVIHTGEKPYKCNCQCGKFSVHSSL TTHQVIH
 TGEKPYKCNECGKFSVRPNL TRHQIHTGKKPYKCSDCGKFSVRPNLFRHQIHTKEKPYKRN

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_018355

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:

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_018355.3](#), [NP_060825.2](#)

RefSeq Size: 2313 bp

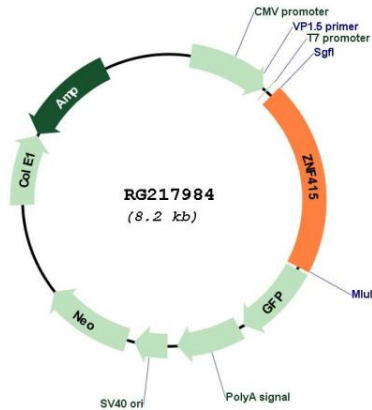
RefSeq ORF: 1668 bp

Locus ID: 55786

UniProt ID: [Q09FC8](#)

Cytogenetics: 19q13.42
Domains: KRAB, zf-C2H2
Protein Families: Transcription Factors
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]

Product images:



Circular map for RG217984