

Product datasheet for **RC238948**

ZNF417 (NM_001297734) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF417 (NM_001297734) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF417
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238948 representing NM_001297734
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCGGCTGCGCCGAGGCGCCGACTCAGGGCACTGTGACCTTTGAAGATGTGGCTGTGAACCTTT
 CCCAGGAGGAGTGGTGTCTTCTTAGTGAGGCTCAGAGGTCTGTACCGTATGTGATGCTAGAGAACCT
 GGCTCTCATATCCTCGCTGGGTTGTTGGTGTGGATCAAAAGATGAGGAGGCACCTTGTAAAGCAGAGAATT
 TCTGTACAAAGAGAGTCTCAGAGCAGGACTCCTAGGGCAGGTGTTTCTCCTAAGAAGGCTCACCCCTGTG
 AAATGTGTGGCCTCATCTTGGAGGATGTTTTCTACTTTGCTGACCACCAGGAACTCATCACAAGCAGAA
 GCTGAACAGGAGTGGAGCATGTGAAAAAACTGGATGACTGCATACCTTCATCAGCACCAGAAGCAG
 CATATTGGAGAGAAATCTACAGAAAGAGTGTGAGAGAAGCATCGTTTGTAAAGAAACGTAAGCTCAGGG
 TGTACAGGAGCCATTTGCTTCCGCGAGTTTGGGAAGGACGTTCTGCCAGTTCAGGATTGTGCCAAGA
 AGCAGCTGCTGTAGAGAAGACAGACAGTAAACTATGCATGGCCACCCTTTCAGGAGGGAAAACTAAT
 TACAGTTGTGAAAAACGCACAAAAGCCTTCAGCACCAAACACTCAGTTATTCCACACCAGAACTTTTCA
 CTAGAGATGGATGTTATGTGTGCAGTGATTGTGAAAAATCCTTTAGCAGATATGTCAGCTTCAGTAATCA
 TCAGCGAGATCACACTGCAAAAGGACCTTATGATTGTGGAGAGTGTGGAAATCTTATAGTCGAAAGAGC
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 ATGTGGGAAATATTTGGTAATAAGAACTGCGTGACTATACATCAGAGGATTACACTGGAGAAAGGCCG
 TATGAATGCAATGAATGTGGGAAATCATTTCTTCCAGCTCTGCGCTTCATGTTCAAAAAGAGTTCATT
 CTGGACAAAAGCCTTATAAGTGCAGTGAATGTGAAAAATCCTTTGCTGAATGTTCCAGTCTCATTAACA
 CAGGAGAAATTCACACTGGAGAAAGGCCCTATGAATGTACCAAATGTGAAAAACATTTACGCGAAGCTCT
 ACCCTCCTTCATCATCAGAGTTCACACAGGAGAAAGGCCCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238948 representing NM_001297734
 Red=Cloning site Green=Tags(s)

MAAAAPRRPTQGTVTFFEDVAVNFSQEEWCLLSEAQRCLYRDVMLENLALISSLGWCWGSKDEEAPCKQRI
 SVQRESQSRTPRAGVSPKKAHPCEMCLILEDFVHFADHQETHHKQKLNRSAGCGKNLDDTAYLHQHQKQ
 HIGKEFYRKSVREASVFKRKLRSQEPFVREFGKDVLPSSGLCQEA-AAVEKTDSETMHGPPFQEGKTN
 YSCGKRTKAFSTKHSVIPHQKLFTRDGCYVCSDCGKSF SRYVSF SNHQRDHTAKGPYDCGECGKSYSRKS
 SLIQHQRVHTGKTAYPCECGKSF S QKGLI SHQRVHTGERPYECREYKSF GQKGNLIQHQQGHTGERA
 YHCGECGKSFRQKFCFINHQRVHTGERPYKCGECGKSF GQKGNLVQHQRGHTGERPYECKGKSFYRYS
 HLTEHQRLHTGERPYNCRECGKLFNRKYHLLVHERVHTGERPYACEVCGKLFGNKNCVTIHQRIHTGERP
 YECNECGKSF LSSALHVHVRVHSGQPKYKCECGKSF AECSL IKHRIHTGERPYECTKCGKTFQRSS
 TLLHHQSSHRRKAL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

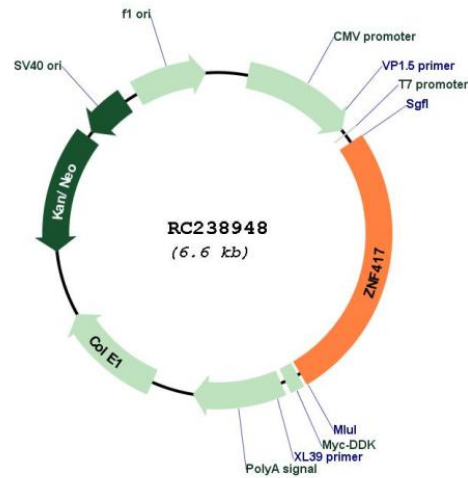
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001297734

ORF Size:	1722 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_001297734.2
RefSeq Size:	4706 bp
RefSeq ORF:	1725 bp
Locus ID:	147687
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
MW:	66.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]