

Product datasheet for **SC100599**

ZNF417 (NM_152475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF417 (NM_152475) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF417
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 SC100599 sequence for NM_152475 edited (data generated by NextGen Sequencing)

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ATGGCAGCGGCTGCGCCGAGGCGCCCGACTCAGCAGGGCACTGTGACCTTTGAAGATGTG
GCTGTGAACTTTTCCCAGGAGGAGTGGTGTCTTCTTAGTGAGGCTCAGAGGTGCTTGATC
CGTGATGTGATGCTAGAGAACCTGGCTCATATCCTCGCTGGGTTGTTGGTGTGGATCA
AAAGATGAGGAGGCACCTTGTAAAGCAGAGAATTTCTGTACAAAGAGAGTCTCAGAGCAG
ACTCCTAGGGCAGGTGTTTCTCCTAAGAAGGCTCACCCCTGTGAAATGTGTGCCCTCATC
TTGGAGGATGTTTTTCACTTTGCTGACCACCAGGAACTCATCAAGCAGAAGCTGAAC
AGGAGTGGAGCATGTGGAATAAACTTGGATGACTGCATACCTTCATCAGCACCAGAAG
CAGCATATTGGAGAGAAATTCTACAGAAAGAGTGTGAGAGAAGCATCGTTTGTAAAGAAA
CGTAAGCTCAGGGTGTACAGGAGCCATTTGTCTTCCACGAGTTTGGGAAGGACGTTCTG
CCCAGTTCAGGATTGTGCCAAGAAGCAGCTGCTGTAGAGAAGACAGACAGTGAACCTATG
CATGGCCACCCTTTCCAGGAGGAAAACTAATTACAGTTGTGGAACGCACAAAAGCC
TTCAGCACAAACACTCAGTTATCCACACCAGAACTTTTCACTAGAGATGGATGTTAT
GTGTGCAGTGATTGTGGAATACTTTAGCAGATATGTCAGCTTCAGTAATCATCAGCGA
GATCACACTGCAAAAGGACCTTATGATTGTGGAGAGTGTGGGAAATCTTATAGTCGAAAG
AGCAGCCTTATCAACATCAGCGAGTCCACACTGGAAAGACAGCTTATCCCTGTGAGGAG
TGCGGGAAATCTTTTAGTCAGAAAGGCGACCTTATTAGCCATCAGCTTGTTCACACTGGA
GAAAGGCCTTATGAGTGTAGAGAATATGGGAAATCTTTTGGTCAAAGGGTAACCTCATT
CAACATCAGCAAGGTACACTGGAGAGAGAGCTTACTGTGGGGAATGTGGGAAATCT
TTTCGTGAGAAGTTCTGCTTTATTAACCATCAGCGTGTTCACACTGGAGAAAGGCCTTAC
AAGTGTGGAGAATGTGGAATACTTTTGGTCAAAGGGCAACCTCGTTCAACATCAGCGA
GGTCATACTGGAGAAAGGCCCTATGAGTGCAAGGAATGTGGGAAATCATTTAGGTACAGA
TCCCACCTCACTGAACACCAGAGACTTCACTGCGGAAAGACCTTACAATTGTAGGGA
TGTGGGAAATTTTAAACAGGAAGTATCATCTTCTCGTTCATGAGAGAGTTCACACTGGA
GAAAGGCCATATGCGTGTGAGGTATGTGGGAAATTTTGGTAATAAGAACTGCGTGACT
ATACATCAGAGGATTCACACTGGAGAAAGGCCGTATGAGTGCAGTGAATGTGTAATCA
TTTCTTTCCAGCTCTGCGCTTATGTTTCAAAAAGAGTTCATTCTGGACAAAAGCCTTAT
AAGTGCAGTGAATGTGGAATACTTTGCTGAATGTTCCAGTCTCATTAAACACAGGAGA
ATTCACACTGGAGAAAGGCCTTATGAATGTACCAATGTGGAAAAACATTTCCAGCGAAGC
TCTACCCTCTTCATCATCAGAGTTCACACAGGAGAAAGGCCTTATGA
    
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Clone variation with respect to NM_152475.2
 518 g=>a;947 g=>t;1479 a=>g;1484 a=>g;1494 g=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152475 unedited

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GGAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCAGGAGATCGGTGACG
CGGGTGTTCAGTGTGGCCCTGAGTGTGGGGGGGACCAGGAGTACTGAACT
AGAAGGTGGAGAGGAATCGTCTCGGTGCCAGAGGCGGCTCTGCAGCCCGTGACGGCG
ACCACTGCTCCCGGGCCGTGCTTCCCAAGTAGTCCGATGGCAGCGGCTGCGCCGAGGCG
CCCGACTCAGGGCACTGTGACCTTTGAAGATGTGGCTGTGAACTTTCCAGGAGGAGTG
GTGCTTCTTAGTGAGGCTCAGAGGTGCTTGTACCGTGATGTGATGCTAGAGAACCTGGC
TCTCATATCCTCGCTGGGTTGTTGGTGTGGATCAAAGATGAGGAGGCACCTTGTAAAGCA
GAGAATTTCTGTACAAAGAGAGTCTCAGAGCAGGACTCCTAGGGCAGGTGTTTCTCCTAA
GAAGGCTCACCCCTGTGAAATGTGTGGCCTCATCTTGGAGGATGTTTTCACTTTGCTGA
CCACCAGGAACTCATCAAGCAGAAGCTGAACAGGAGTGGAGCATGTGGAATAAACTT
GGATGACTGCATACCTTCATCAGCACCAGAAGCAGCATATTGGAGAGAAATTTACAG
AAAGAGTGTGAGAGAAGCATCGTTTGTAAAGAAACGTAAGCTCAGGGTGTACAGGAGCC
ATTTGCTTCCACGAGTTTGGGAAGGACGCTGCCCCAGTTCCAGGATTGTGCAAGAAGC
AGCTGCTGTAGAGAAGACAGACAGTNGAACTATGCATGGCCACCCTTTCCAGGAGGNN
NNAACTACTACAGGTGTGGAACGCACANNAGCCTTCCAGCACCAACACTCAGTTATTCA
CACCAGAACTTTACTAGAGATGATGTATGTGTG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152475 unedited TCTATGGAACCGCGGCCGAANCTAGNGATCGGTTTTTTTTTTTTTTTTTTTGGAGACGGAG TCTCGCTCCGTCACCAGGCTGGAGTGCAGTGGTGAATCTCGGCTCACTGCAACCTATGC CTCCCAGGTTCAACGAATTCTCCTGCCTCAGCCTCCCAAGCAGCTGGGACTACAGGCACC CACCACTATGCTTGGGTAATTTTTGTATTTTTAGTAGAGACAGGGTCTCACCATATTGTC CAGGGTGGTCTTGAACCTCTGACCTTGAAGCCACCCACCTCAGCCTCCCAAAGTGCTGG GATTACAGGCCTGAGCCAAAACACCCAGCTGAGATTCTTCATATAGCTGATTATCTTGCC ATTTCTAACTTACAAGCTTTATCCACATTTCTTAACCTTTTGTTCCTAAATGGGACAG GAAGTTTTAACTCTTGTATCCATGAAGCATCTTAGTAAAATAACAGATATTCCATTTGCA AATTATGCTCCCAAAAAACACAAACACATATGTAAAAATGTTATAAAGACATTAAGTG TCCACTCAATAACTTTGATTCAAACATCTTCATGTTCTTCACTTCACAAGATAAAGCTC TAAAAATGGACTTTGTGAGGTTCCATGTATTTGGTCAGTCATGAGAGGAAGAATAATTCA GAGTGAGAGGAACAAGAGAGATTCTAGGCAGCCCTCAGGGNAAGCTGAGAAGTGGCTCC CTGCCTCCGGTCCCTCAGAATGTCCATCTCCCTGTCAGTATCAGTGTCCAGATAATC TTCTTCTGACTGGGACATTTCCCAATTTGGGAACCATGGTTACTTGGCAAATCACATTTA CGGCCAAAATGTGGCTACAGTGTGCAACTTCATGCAAATGGGAAAATGGGCATGTTGGCC CCGGAAAAAATTCGGGATTCAAACCTCCCCTGGGGGGCAGAAAATACCATTTTACA
Restriction Sites:	NotI-NotI
ACCN:	NM_152475
Insert Size:	4000 bp
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).
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_152475.1 , NP_689688.1
RefSeq Size:	3614 bp
RefSeq ORF:	1728 bp
Locus ID:	147687
UniProt ID:	Q8TAU3
Cytogenetics:	19q13.43
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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.