

Product datasheet for **SC123027**

ZNF414 (NM_032370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF414 (NM_032370) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF414
Synonyms:	ZFP414
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032370 edited

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ATGGCGCTGACGTGAGCGCAACTCGCACTGCCCAGAGGGTGGCCGCCCTAAGCTGCA
GCCGCCGAGCCGAGAAACAAGAGGCCGAGCCGTGTGAAGATGGAGGAGAAACCTCA
GGGCCCCATCCCAGACATGCTGGCCACTGCAGAGCCCAGCTCCAGTGAGACCGACAAGGAG
GTGTTGTCCCGGCTGTGCCAGCTGCAGCCCTTCTCTCCATGTCGGAGGAGCCAGGC
CCTGAGCAGGCAGCCACACCGCCAGTGTGGGAACGTGGAGGGGCTGGAGGGATGCGGCAG
GGCTCCTCCCCAGCCCCAGACAGCTGCCAGCCTGGCCCCGGACCCAGCCCTGGCCTGACC
AGCATAGTCTCCGGGACCAGCGAGGACCTGCGGCCTCCCAGACGACGCCACCTCCAGGG
AAGCAATCCCTTGCTCCAGCCCTGGCTGCTGCCTCAGTTTTCCAGCGTCCGTGACCTG
GCACAGCATCTGCGAACCCTACTGCCGCCACACAGTCCCTGGAAGGCAAGCTCTTCCGC
TGCTCAGCCCTGAGCTGCACCGAGACCTTCCCCAGCATGCAGGAGCTGGTGGCTCACAGC
AACTGCACTACAAACCAATCGCTACTTCAAGTGTGAGAACTGCCTCCTGCGCTTCCGC
ACGCACCGCTCGCTCTTCAAGCACCTGCATGTTTGC GCGGAGCATGCGCAGAGCCAGCC
CCGCCGCCACCCCGGCCCTGGACCGAGAGCCGCCCGCGCGGAGCGCCCCCGGAGGTT
GACCCCGCATCAGCGCCGGGCTGCCGTTCCCGCTGCTGGAACCTTCACGACCCCGCC
CCTGCCCCACCGGACCGTTCTTGCCCTACTTGAACCTGCGCCCTTTGGCCTAAGCCCC
CCGCGCTGCGCCCTTCTTGCCGCTGCACCCGGGCCCGCGCTTCCAGCGCCCGCTC
TGAAAAAGAGCCAAGGTGCTGGCAGCAGCCCCGAAGACCCAGGGCGGCTCCGACGCG
CCCTCAGGTGCGTGACGTGACCAAGGAGGGGTGGAGGGGCTTTCTTCTGCGCCC
TGC GGGTCCGTTGATACCAGGAGGCAGCAGTCTCATCCCTTCCAGGGGGCACAAA
TGCCACCGTCCCGAAATACAGGATTTTGCCTTAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032370 unedited NNGGAAGCGTTTCANAATTTGTAATACGACTCACTATAGGGGCGGCCGGAATTCGCACGA GGATGGCGCTGACGTGAGCGGAACTCGCACTGCCAGAGGGTGGCCGCCGCTAAGCTG CAGCCGCCGAGCCGAGAAACAAGAGGCCGAGCCGTGTCGAAGATGGAGGAGAAACCT CAGGGCCCATCCCAGACATGCTGGCCACTGCAGAGCCAGCTCCAGTGAGACCGACAAGG AGGTGTTGTCCCCGGCTGTGCCAGCTGCAGCCCCCTTCTCCTCCATGTCGGAGGAGCCAG GCCCTGAGCAGGCAGCCACACGCCAGTGTGGGAACGTGGAGGGGCTGGAGGGATGCGGC AGGGCTCCTCCCCAGCCCCAGACAGCTGCCAGCCTGGCCCCGGACCCAGCCCTGGCCTGA CCAGCATAGTCTCCGGGACCGAGGACCTGCGGCCTCCAGACGACGCCACCTCCAG GGAAGCAAATCCCTTGCTCCAGCCCTGGCTGCTGCCTCAGTTTTCCAGCGTCCGTGACC TGGCAGCATCTGCAACCCACTGCCCGCCACACAGTCCCTGGAAGGCAAGCTCTTCC GCTGCTCAGCCCTGAGCTGCACCGAGACCTTCCCCAGCATGCAGGAGCTGGTGGCTCACA GCAAATGCACTACAAACCAATCGCTACTTCAAGTGTGAGAACTGGCTCCTGCGCTTCC GCACGCACCGCTCGCTCTTCAAGCACCTGCATGTTTGCGCGGAGCATGCGCAGAGCCAG GCCCGGCCACCCCGGCCCTGGACCGAGAGCCCGCGCGGGAACGCCCCCGGAAG TTGACCCCGCATCAACGCCGGGGCTGGCGTTTCCGCTGGTGGGACCCTTACGAACCC GGCCCTGG
Restriction Sites:	Please inquire
ACCN:	NM_032370
Insert Size:	1192 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:	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:	<u>NM_032370.1</u> , <u>NP_115746.1</u>
RefSeq Size:	1192 bp
RefSeq ORF:	939 bp
Locus ID:	84330
UniProt ID:	<u>Q96IQ9</u>
Cytogenetics:	19p13.2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' coding region and 3' UTR, compared to variant 1. The resulting isoform (2) has a distinct C-terminus and is shorter than isoform 1.