

Product datasheet for SC326950

ZNF414 (NM_001146175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF414 (NM_001146175) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF414
Synonyms:	ZFP414
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326950 representing NM_001146175. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGAGGAGAAACCTCAGGGCCCATCCAGACATGCTGGCCACTGCAGAGCCAGCTCCAGTGAGACC
 GACAAGGAGGTGTTGTCCCGGCTGTGCCAGCTGCAGCCCTTCTCTCCATGTCGGAGGAGCCAGGC
 CCTGAGCAGGCAGCCACACCGCCAGTGTGGGAACGTGGAGGGGCTGGAGGGATGCAGCAGGGCTCTCC
 CCAGCCCCAGACAGCTGCCAGCTGGCCCCGACCCAGCCCTGGCCTGACCAGCATAGTCTCCGGGACC
 AGCGAGGACCTGCGGCCTCCAGACGACGCCACCTCCAGGGAAGCAAATCCCTTGCTCCAGCCCTGGC
 TGCTGCCTCAGTTTTCCAGCGTCCGTGACCTGGCACAGCATCTGCGAACCCTGCCCCGCCACACAG
 TCCTTGAAGGCAAGCTTTCGCTGCTCAGCCCTGAGCTGCACCGAGACCTTCCCGAGCATGCAGGAG
 CTGGTGGCTCACAGAACTGCACTACAAACCAATCGCTACTTCAAGTGTGAGAACTGCCTCCTGCGC
 TTCCGCACGCACCGCTCGCTCTTCAAGCACCTGCATGTTTGCAGGAGCATGCGCAGAGCCAGCCCCG
 CCGCCACCCCGGCCCTGGACCGAGAGCCGCCGCGCGGAGCGCCCCCGGAGGTTGACCCCGCATCA
 GCGCCGGGCTGCCGTTCCCGCTGCTGGAACCTTACGACCCCGCCCTGCCCCACCGGACCGTTC
 CTGCCCTACTTGAACCTGCGCCCTTTGGCCTAAGCCCCCGCGCTGCGCCCTTCTTGCCGCTGCA
 CCGGGGCCCGGCTTCCAGCGCCGCTCTGGAAGAGCAAGGTGCTGGCAGCAGCCCCGAAGA
 CCCCAGGGCGGCTCCGACGCGCCCTCAGGACGCGGCCCGGAGCCGATCGTGTGGGAGCACACGCG
 GGCGCTACTCGTGCATGCAGTGCCTTCTCCAGGCTCGCGGCCCGCATGACCTGACCTGGAG
 GACCACCGCCCGGCGCCCCGCGGCCCGGCGCGGCCCGGCGGCCCGGAGCGCCCCGCGGATCCG
 GCCCGCTTGACCCAAGGTGTCGCGCTGCTGTGAGGGGGAGCTTCCAGTGTCTCGCAGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001146175
Insert Size:	1173 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001146175.1</u>
RefSeq Size:	1414 bp
RefSeq ORF:	1173 bp
Locus ID:	84330
UniProt ID:	<u>Q96IQ9</u>
Cytogenetics:	19p13.2
MW:	41 kDa
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).