

Product datasheet for **SC126924**

ZNF14 (NM_021030) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF14 (NM_021030) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF14
Synonyms:	GIOT-4; KOX6
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 SC126924 sequence for NM_021030 edited (data generated by NextGen Sequencing)

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ATGGACTCAGTCTCCTTTGAGGATGTGGCCGTGAACTTCACCCTGGAGGAGTGGGCTTTG
CTGGATTCTTACAGAAAAAGCTCTATGAAGATGTGATGCAGGAGACCTTCAAAAACCTG
GTTTGTCTAGGAAAAAGTGGGAAGACCAGGACATTGAAGATGACCACAGAAACCAGGGG
AAAAATCGAAGATGTCATATGGTTGAGAGACTCTGTGAAAAGTGAAGAGGTAGCAATGT
GGAGAAACCACTAGCCAGATGCCAAATGTTAATATCAACAAGGAAACTTTTACTGGAGCA
AAACCACATGAATGCAGCTTTTGTGGAAGAGACTTCATTATCATTTCGTCCTTAATAGG
CACATGAGATCTCACACTGGACAGAAACCAATGAGTATCAGGAATATGAAAAGCAACCA
TGTAATGTAAAGCAGTTGGGAAAACCTTCAGTTATCACCACTGCTTTCGCAAACATGAA
AGAACTCACACTGGAGTGAAGCCCTATGAATGTAACAGTGTGGGAAAGCCTTTATATAT
TACCAGCCATTTCAAAGACATGAAAGGACTCATGCTGGACAGAAACCTATGAATGTAAG
CAATGTGGAAAACCTTTATATATTACCAGTCTTTTCAAAAACATGCTCATACTGAAAAG
AAACCCTATGAATGTAACAGTGTGGGAAAGCCTTTATATGTTACCAATCTTTTCAAAGA
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TGTAAGAATGTGGTAAAGCCTTCAGTTTTCTCAGTTCTTTTCAAGGCATAAAAAGGACT
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AAACCATATGAATGTAACAGTGTGGCAAATCATTGAGTGTAAACAGTGTCAAAAACCTTC
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GGAAAAGTTTTTCAATTCGTTCCAGTTCTTTTCGACTGCATGAAAGAACACACACTGGAGAG
AAACCCTATGAATGTAACACTATGCGGTAACCTTCAGTTTTTCAAGTCCCTTCGAGAA
CATGAAAAAATTCACACTGGAAATAAGCCTTTTGAGTGTAAAGCAATGTGGTAAGGCCTTC
CTTCGTTCCAGTCAAATTCGATTGCATGAAAGGACTCACACTGGAGAGAAACCGTATCAA
TGTAACAATGTGGAAAAGCCTTCATTTCTCCAGTAAATTTGAAATGCATGAGAGAACT
CACACGGGAGAGAAACCTATCGATGTAACAATGTGGGAAAGCCTTCAGATTTTCAAGT
TCTGTTCAATTCATGAAAGGTCTCACACTGGAGAGAAACCTTATGAATGCAAAACATGT
GGAAAAGCCTTCATTTCTCCAGTCACTTTTCGACTGCATGAAAGGACTCATATGGGAGAG
AAAGTCTAA
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Clone variation with respect to NM_021030.2

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_021030 unedited</p> <pre>TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGAAGATTGCGTT TCACCTGCTCCTGAAGCCGAAGTGGCTCTAGCGCATCCTTTGTCGCGCCGTGACCTGCAG GTACTGACAGATCCGTAGGGAGGACACCGTGACTTCCCGGACGCTGGGAAATGGACTCAG TCTCCTTTGAGGATGTGGCCGTGAACCTCACCTGGAGGAGTGGGCTTTGCTGGATTCTT CACAAAAAAGCTCTATGAAGATGTGATGCAGGAGACCTTCAAAAACCTGGTTTGTCTAG GAAAAAAGTGGGAAGACCAGGACATTGAAGATGACCACAGAAACCAGGGGAAAAATCGAA GATGTCATATGGTTGAGAGACTCTGTGAAAGTAGAAGAGGTAGCAAATGTGGAGAAACCA CTAGCCAGATGCCAAATGTTAATATCAACAAGGAAACTTTTACTGGAGCAAAACCACATG AATGCAGCTTTTGTGGAAGAGACTTCATTCATCATTTCGTCCTTAATAGGCACATGAGAT CTCACACTGGACAGAAACCAAATGAGTATCAGGAATATGAAAAGCAACCATGTAATGTA AAGCAGTTGGGAAAACTTCAGTTATCACCCTGCTTTTCGCAAACATGAAAGAACTCACA CTGGAGTGAAGCCCTATGAATGTANACAGTGTGGGAAAGCCTTTATATATTACCAGCCAT TTCAAAGCATGAAAGGACTCATGCNTGACAGAAACCCTATGAATGTAAGCATGTGGAANA ACCTTTTATATTACCAGTCTTTTCAAAACATGCTCTACTGGAAAGAACCTATGATGTAAA CAGTGTGGGAAGCCTTTATATGTACCATCTTTTA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_021030 unedited</p> <pre>CGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTAAATTTATAAGATTGTAATTTTAT TACTGGGTGTTTACATGATACTTTCTTTCTTATTAATATAACCTGACAATCTTTATTA AATGAAAAATTTTTGTATCATCAACAACAACAAAAGAACTAGGATGAAGAATTTCCAC ATTCTTAATTTTATAGGGTTTCTCCTCAGTATACATTCTCATGTGTGCTCAAAAGGCTG TGTGAAGGCTTTCCCAAATGTCTTACATTTATAGACTTTACCCCACTCTGACTCCTTTC ATATATTCACACTCTAGAGGACAGTTGGAAGATTTTCCCACTTTTATTTTTTCTTGAGAC AGTGTCTCATTCTGTCGCACAGGCTGGAATGCAGTGGCGTGATCTCAGCTCACTGCAACC TCTGTCTCCAGGTTCAAGTGATTCTCCTGCCTTAGCCTCTGAGTAGCTGGGATTAGAGG CATGCACTACCATGCCTGGTTTCAATTTTTGGTAATTTTTAGTAGAGATGGGGTTACACCA TGTTGACCACGCTGGTCTCGAATTTCTGACCTCAAATGATCTGCCCGCCTGACACCTGG CCTCCCAAAGTCTGGGACTATANGCATGAGCCAACAAGCTTGGCCTTTTTTAAAAAACA NAAACAAAAACAACAGATTCACTGCACACGAGTCTGTCTCTGAATGAATTAGGTAAT GAAGCTTAATACATGTTACATTCTACTGTTTCTACCGTGGGATTCTTTCGGCCAAAGAAC TGGACATCAAGGCTTAGACATGTTGATTCCAAGCTCTGTCAATGACTCTTTGGTTTCA AGACCGGACACCGAGCTCAAATGTGCTATATCTAACTTTCTCCATTAGCCTTCTGCTCCA AGGACGAAAAATAAGCTTTACTGTTGCTCTAAGTTTTTCAGGAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_021030
Insert Size:	3090 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_021030.2 , NP_066358.2
RefSeq Size:	2967 bp
RefSeq ORF:	1929 bp
Locus ID:	7561
UniProt ID:	P17017
Cytogenetics:	19p13.11
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	The protein encoded by this gene contains a zinc finger and a Kruppel-associated box (KRAB) domain. KRAB domain is known to be involved in the transcriptional repression of a number of zinc finger proteins. [provided by RefSeq, Jul 2008]