OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC103592

ZNF514 (NM_032788) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF514 (NM_032788) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF514
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032788, the custom clone sequence may differ by one or more nucleotides

ATGACATTTGAAGATGTGGCTGTGGAATTCAGCCAGTGGGAGTGGGGGCAGCTGAACCCTGCTCAGAAGG
ACCTCTACAGGGAGGTGATGCTGGAGAACTTCAGGAACTTGGCCATTCTGGGCCTTCTAGTATCCAAACC
ATATGTGATCTGCCAGTTGGAGGAAGGGGGTGAGCCCTTCATGGTGGAGAGAGAAATCTCAACAGGAGCC
CACTCAGACTGGAAGAGAAGGTCTAAATCCAAGGAATCAATGCCAAGTTGGGGAATTTCCAAAGAAGAAT
TATTCCAGGTAGTATCAGTGGAAAAACACATTCAAGATGTGCTGCAGTTCTCGAAGTTGAAAGCAGCCTG
CGGTTGTGATGGCCAGTTAGAGATGCAGCAGATAAAACAGGAGAGACACCTGAAACAAATGTCAACCATT
CACAAATCTGCCACCACCCTTAGCAGAGATTATAAATGGAATGGATTTGGGAGAAGCTTAGGTTTAAGAT
CAGTCCTTGTTAACCAACACAGCATTCTCATGGGAGAAGGATCTTATAAATGTGATACAGAATTCAGGCA
GACTTTAGGGGGAAACAACTCTCAGAGAACCCACCCAGAAAAGAAATCTTGTAAATGTAATGAGTGTGGG
AAGTCCTTTCACTTCCAGTCAGAACTTAGGCGCCATCAGCGATGTCACACTGGAGAAAAGCCGTATGAAT
GCAGTGACTGTGGAAGAGCCTTTGGTCATATTTCATCCCTTATTAAACATCAAAGAACTCATACTGGAGA
AAAGCCCTATGAATGCAGTGAATGTGGGAGAGCCTTCAGCCAGAGTTCGTCTCTTGTTCTGCACTATAGA
TTTCACACTGGAGAGAAACCCTACAAATGTAATGAATGTGGACGAGCCTTTGGTCACACTTCATCCCTTA
TTAAGCATCAGAGGACTCATACTGGAGAAAAGCCCTATGAATGCCGGGAATGTGGGAGAACCTTCAGCCA
GAGCTCATCACTCATTGTGCATTACAGATTTCATACTGGAGAGAAACCTTACAAATGTAATAAATGTGGG
AGAGCCTTCAGCCAGAGTTCATCTCTCACTCAACATTACAGATTTCACACTGGAGAGAAACCCTACAAAT
GTAATGAGTGTGGAAGGGCCTTTGCTCATACTGCATCCCTTATTAAACATCAGAGAAGTCATGCTGGAAA
AAAAACCCTATAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032788 unedited
NGGGGTGCACCATTTTGTAATACGACTCACTATTAGGGCGGCCGCGAATTCGCACGAGGC
GAATCCCTGCTGTTTCCGGGCAGCTGAAGAGCGCTGGGCCCTCGCGTCGCGGGCGTGGCT
GTGGCCGTGTCTCCTGGTAGTCTGAGCCCACTGTGCGTGTGGATCCACGTGGGAGCTGGG
TTCCAGAGCCTGGTCCTGAGGAGGAGCCGAGCCGGGGCTTCCCCTTCTCAGAATCCTGCT
CTTCCTCCAGAGAGATTCCCAGGAGAAGAGGGAACAACCAATTCATTCCTGAAAGCCAGG
CCTCGGGACCTGATGACATTTGAAGATGTGGCTGTGGAATTCAGCCAGTGGGAGTGGGGG
CAGCTGAACCCTGCTCAGAAGGACCTCTACAGGGAGGTGATGCTGGAGAACTTCAGGAAC
TTGGCCATTCTGGGCCTTCTAGTATCCAAACCATATGTGATCTGCCAGTTGGAGGAAGGG
GGTGAGCCCTTCATGGTGGAGAGAGAAATCTCAACAGGAGCCCACTCAGACTGGAAGAGA
AGGTCTAAATCCAAGGAATCAATGCCAAGTTGGGGAATTTCCAAAGAAGAATTATTCCAG
GTAGTATCAGTGGAAAAACACATTCAAGATGTGCTGCAGTTCTCGAAGTTGAAAGCAGCC
TGCGGTTGTGATGGCCAGTTAGAGATGCAGCAGATAAAACAGGAGAGACACCTGANACAN
ATGTCAACCATTCACAAATCTGCCACCACCCTTAGCAGAGATTATAAATGGAATGGATTT
GGGAGAAGCTTAGTTTAAGATCAGTCCTTGNTAACCAACACAGCATTCTCATGGGAGAAG
GATCTTATNAATGTGATACAGNATTCAGGCAGACTTTAGGGGGAAAACACTCTCAGAGAA
CCCACCCAGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032788 unedited
CGCGGCCGCAATCTANATCGAGTTTTTTTTTTTTTTTTTCTGAGACGGAGTCTCACTCT
GTCTCCCAGCTGGAGTGCAGTGGCGTGATCTCGGCTGACTGCAAGCTCTGCCTCCCCGAT
CCACGCCATTCTCCTGTCTCAGCCCTCCAAGTAGCTGGGACCACAGGCGCCCGCCACCAT
GCCTGGCTAATTTTTTTGTATTTTTAGGAGAGACAGGGTTTCACCGTGCTAGCCAGGATG
GTCTCGAACTCCTGACCTCGTGATCTGTCCGCCTCGGCCTCCCAAAGTGCTGAGGTCACA
GGCGTGAGCCACCGCGCCCAGCCTATTTTAGTAATTTTAATGTTTAAACAAGGTTTCATT
TCATTTCAAAAATTCCAAATCTATTAGCATAAAGATGTAACAAAAATTGCTTTTTGCTCA
ATCCTAGACCACTCCATTGCCTCACAAAGAAAGGTAACATGTGCTACAGAGAAAGAAGTG
CATAGAGGTGTTGTACTGCAAAGATCCAGTCTATTAATCTCCATACTACAGCTGTGAACC
ACAGGAAAGAGGCCCAGCCCAGTTAGGACTATAGGCCAAGGCATGTCACTTTCTGAACAT
CAGTTNTATTAGCTCTAAAATACGACTGGGCTAGATCATGGGTAGCTGTCTACCTTTCTC
AGCCTNCATCCTCTGCACCCATGCATGACACCCTGCCCCGTCAGTAACAGCATGAGGAGG
GCATGCACAAGTGTCNGTATACAAATGGCCCCACCAGCAGAAAATCACCAGACAGGTGAT
TTCTCAGCTTCTTTCAGCTCTAGTTTATACATCTCAGTGGGAAAGAAACTTCCTACATTA
TCATGTTCCCAGTTTCTCTTGAGAGAAACTGAAGCTGACTTACTATGGGTTNCCAGTTCA
CTAAATTGAAAGTGGTCTACCCAATTCTCTAGTACAATTCTTACGTGTTTGTGGAAATCC
ACAAGCCTTCCAATTATACGTACCGAAGTCCGCTAA

Restriction Sites: NotI-NotI

ACCN: NM_032788

Insert Size: 3290 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:	NM_032788.1, NP_116177.1
RefSeq Size:	3204 bp
RefSeq ORF:	1203 bp
Locus ID:	84874
UniProt ID:	Q96K75
Cytogenetics:	2q11.1
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate splice site in the 5' coding region that results in use of a downstream start codon compared to variant 1. It encodes isoform 2, which has a shorter N-terminus compared to 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.