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 SC100386

ZNF114 (NM_153608) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF114 (NM_153608) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF114
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC100386 sequence for NM_153608 edited (data generated by NextGen Sequencing)

ATGTCCCAGGACTCGGTGACCTTCGCAGACGTGGCTGTGAACTTCACCAAAGAGGAGTGG
ACCCTGCTGGACCCAGCTCAGAGGAATCTCTACAGAGACGTGATGCTGGAAAATTCTAGG
AACTTGGCATTCATAGATTGGGCAACTCCATGTAAAACCAAAGACGCAACCCCTCAGCCG
GATATTCTTCCTAAAAGAACATTTCCTGAAGCCAACAGAGTGTGTCTCACGAGCATCAGT
TCCCAGCACTCCACATTAAGAGAAGACTGGAGATGCCCCAAAACAGAGGAACCACACAGG
CAGGGGGTGAATAATGTGAAGCCACCTGCAGTTGCCCCTGAGAAAGATGAATCTCCTGTT
AGCATTTGTGAAGATCATGAAATGAGGAACCACTCTAAACCTACCTGCAGGCTTGTGCCT
TCACAGGGAGATTCCATAAGACAATGTATCCTAACACGTGACTCAAGTATTTTCAAGTAT
AATCCTGTCTTAAACGATAGTCAAAAAACACATGAAAACAACGAAGACGATGGAGTCTTG
GGGTGGAACATTCAGTGGGTTCCGTGTGGGAGAAAAACAGAGCTGAAATCAAGCACATGG
ACTGGCAGTCAGAACACTGTGCATCATATACGTGATGAAATTGATACGGGGGCCAACAGG
CACCAGCGGAATCCATTTGGAAAAGCTTTCCGTGAAGACGGATCCCTTAGGGCACACAAC
ACTCATGGTCGAGAGAAAATGTATGATTTTACTCAGTGCGAGAACACCTCCAGAAATAAC
TCAATTCACGCCATGCAGATGCAGTTGTATACCGCAGAGACAAACAAGAAGGATTGTCAA
ACTGGGGCAACCTCTGCCAACGCTCCAAATTCCGGTTCACACAAGAGTCATTGCACTGGA
GAGAAAACCCATAAATGCCCCGAATGTGGGAGAGCCTTTTTTTATCAGTCATTCCTTATG
AGACATATGAAAATTCACACTGGAGAGAAACCGTATGAATGTGGGAAATGTGGGAAAGCC
TTTAGATATTCCTTACACCTTAATAAACATTTAAGAAAGCATGTTGTGCAGAAGAAGCCC
TACGAATGTGAAGAATGTGGGAAAGTCATTCGGGAGTCCTCAAAATATACACATATAAGG
AGCCACACTGGAGAGAAACCCTATAAATGTAAGACATGTGGAAAAGACTTTGCAAAGTCG
TCAGGACTTAAAAAACATCTTAAGACTCACAAAGATGAGAAGCCCTGTGAATGA

Clone variation with respect to NM_153608.1

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153608 unedited
ACGAATTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGCGGAGGCGA
CAGCGAGGACCCAAGGCTGGGGTTTCCTGCTTGGATCAGGAGTGCCTGGGGATTTGATCC
CCATCCTGGTGCAGCTCCGAGACGCTCCTGGGCTGCGCGCGCTTTTGGGCTGCGCCACCG
ACAGAGACATCTGGAAGCCGGAGCTAGTGGAAGACTCTGCCTCACCTGCCTCCTTGAAGG
AAACACGGGGAAGCCAGGACTGGCCGTCACGTTGGTGACAAATATGTCCCAGGGTCTTGC
TCTGTTGCCCAGGCTGGACTGCAGTGGGAGGATCATAGCTTATTGCAACCTCCACCTCCC
AGGCTCAGGCAATCCTCCCTCCTCAGCCTCCCGGGTAGCTGAGACTACAGGCACCCGCCC
ACACTCACGGGACTCGGTGACCTTCGCAGACGTGGCTGTGAACTTCACCAAAGAGGAGTG
GACCCTGCTGGACCCAGCTCAGAGGAATCTCTACAGAGACGTGATGCTGGAAAATTCTAG
GAACTTGGCATTCATAGATTGGGCAACTCCATGTAAAACCAAAGACGCAACCCCTCAGCC
GGATATTCTTCCTAAAAGAACATTTCCTGAAGCCAACAGAGTGTGTCTCACGAGCATCAG
TTCCCAGCACTCCACATTAAGAGAAGACTGGAGATGCCCCAAAACAGAGGAACCACACAG
GCANGGNGGTGAATAATGTGAAGCCACCTGCAGTTGCCCCTGAGAAAATGAATCTNNCTG
TAGCATTTGTGAAGATCATGAAATGAGGAACCACTCTAAACCTACCTGCANGGCTGTGCC
TTCACAGGGNAGATNNCATAGACAATGTATCTACACGTGACTCAAGTATTTTCAGTATAA
TNCTGTCTTAAACGATAGTCAAAAACACATGAACACGAGACGATGGAGTCTGGGGTGGAA
CNTCCATGGNGTTTCGTGTGGGAGNAAAACAGACTGGNATCAGCCATGGACTGGCAGTCA
GAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_153608 unedited
NNGGGTACACTAAGGAACCGCGGCCGCATNCNANGATCGAGTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTAAAACTTTCTTATTTTTATTCCAGTTGTAGCCTCCCTTCAGGATGT
GGATTCACATGCAACATGAGTGGTAAGTGTTTAAAGAGGTCTTTCCTACTTTTTTTTTTT
TTTTGAGACAGGAGTCTCGCTCTTTCCCCCAGGCTTGGAGATGCAGTGGCTCCATCTCGG
CTCACTGGAAGCTCCGCCTCCCAGGTTTACGCCATTCTCCTACCTCAGCCTCCCAAGTAG
CTGGGACTACAGGCACCTGCCACCACGCCTGGCTAATTTTTTGTATTTTTAGTAAAGACG
GGGTATCACCGTGTTAGCCAGGATGGTCTTGATCTCCTGACCTCGTGATCCGCCCGCCTC
GGCCTCCCAAAGTGCTGGGATTACAGGCATGAACCACCGCGGCCGGCAGGTCTTTCCTAC
ATTTTTTATTTCCGTAAGGAGTCTCTGCAGTGTGAGTTCTTGTATGAACCATGAATTTGA
GACCACGCTGAAGGCTTTGTCATATTCCTTTTAGATTCGCAGTTTCTCTCCAGGGGGAGA
ACAAATGTCTACTCCAGATGAATGAAGATGAAAGGCTTTCTGTAGACTTTACCTTCACAG
GGTTTTTTTTCACATTTCTGTAAGATACGAGAGTTCAGGGAAGATGTTCTCACTCATGCT
AACCCCTTGAGCTCCCTTCCAATATGTCCTCCTCACATGTTTGGTACCGTCAGAAAATTA
ATGAAAAATTTTCCACCTTCCTTTCATTCACAGGGCTTCTCATCTTTGTGAGTCTTAAGA
TGTTTTTTAAGTCCTGACGACTTTGCAAAGTCTTTTCCCATGTCTTACATTTATAG

Restriction Sites: NotI-NotI

ACCN: NM_153608

Insert Size: 2500 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_153608.1, NP_705836.1
RefSeq Size:	2206 bp
RefSeq ORF:	1254 bp
Locus ID:	163071
UniProt ID:	Q8NC26
Cytogenetics:	19q13.33
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), as well as variants 3, 5, and 6, encodes 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.