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 SC314031

ZNF512 (NM_032434) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF512 (NM_032434) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF512
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

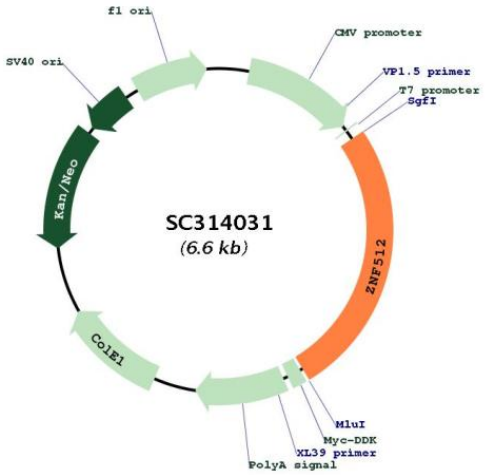
Fully Sequenced ORF:

>SC314031 representing NM_032434.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTTCCAGACTCGGTGCTGTACCCGCCACTTCGGGACCCACAACCTTTAAGCAGCAGAGGAGCACG
AGGATCGTGGGAGCTAAGAATAGCAGGACCCAGTGCTCCATAAAGGATAATAGTTTCCAGTACACTATC
CCTCATGATGACTCCTTAAGTGGTTCATCGTCTGCATCTTCGTGTGAACCAGTGAGTGATTTTCCAGCA
TCTTTCCGAAAATCTACCTACTGGATGAAGATGAGAAGAATCAAGCCAGCTGCTACTTCTCATGTCGAA
GGGTCAGGTGGAGTATCAGCCAAGGGGAAAAGGAAACCCAGGCAGGAAGAAGATGAAGACTATCGAGAA
TTTCCTCAGAAGAAGCATAAGCTTTATGGGAGGAAGCAACGGCCTAAAACTCAGCCCAATCCCAAATCC
CAGGCCCGTCGTATTCGGAAGGAACCACCAGTTTATGCAGCAGGCAGTTTGGAGGAGCAATGGTACTTA
GAAATCGTTGATAAAGGCAGTGTCTCCTGCCCTACCTGCCAGGCAGTGGGGAGGAAGACCATAGAGGGT
TTAAAGAAACACATGGAAAACTGCAAGCAGGAAATGTTTACTTGTCATCATTGTGGGAAACAACTTCGT
TCACTGGCAGGGATGAAGTATCATGTCATGGCAAATCATAATAGTTTGCCCATTTTGAAAGCCGGAGAT
GAAATAGATGAGCCAAGTGAGAGGGAAAGGCTCCGAACAGTTCTAAAGAGACTGGGAAAGCTCAGGTGC
ATGCGTGAGAGTTGCTCCAGTAGCTTCACCAGCATCATGGGATATCTCTACCATGTCAGAAAATGTGGC
AAAGGGGCTGCAGAGCTGGAAAAGATGACCCTGAAATGTCACCACTGTGGAAAACCATATAGGTCGAAG
GCTGGACTTGCATATCACCTGAGGTCAGAGCATGGGCCTATATCCTTCTTTCCAGAGTCAGGACAGCCA
GAGTGCTTAAAGGAGATGAACCTAGAGTCAAAGAGTGGGGGCCGAGTTCAGAGACGTTCTGCCAAGATA
GCTGTATACCACCTACAGGAGCTGGCCTCTGCTGAACTGGCCAAGGAATGGCCCAAGAGGAAGGTGCTT
CAGGACCTGGTACCTGATGATCGAAAGTTAAAATATACTCGTCCAGGGCTCCCTACCTTCAGCCAGGAA
GTACTACATAAATGGAAGACAGATATCAAGAAATATCATCGTATTCAGTGTCCTAACCAGGGCTGTGAG
GCTGTCTACAGCAGTGTATCTGGCCTTAAAGCTCACCTGGGCTCTTGTACATTGGGAAACTTTGTGGCT
GGAAAATACAAATGTCTTCTATGTCAGAAAGAATTTGTGTCAGAGAGTGGTGTCAAGTATCACATCAAC
TCCGTCCATGCTGAGGACTGGTTCGTTGTAAACCCAACAACAACCAAAAGCTTTGAAAAGCTGATGAAG
ATAAAGCAGCGGCAGCAAGAAGAAGAAAAGCGGAGGCAGCAGCACAGGAGCAGAAGGTCTCTAAGAAGG
CGGCAGCAGCCTGGCATTGAGCTTCCCGAGACAGAGCTGAGTCTTAGAGTAGGGAAGGATCAGAGGAGG
AATAATGAGGAACTGGTAGTGTCAGCCTCCTGTAAGGAACCAGAGCAGGAGCCAGTGCCAGCACAGTTC
CAGAAAGTAAAGCCCCCAAAGACTAATCATAAACGAGGAAGGAAATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_032434
Insert Size:	1704 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:	NM_032434.3
RefSeq Size:	3602 bp
RefSeq ORF:	1704 bp
Locus ID:	84450
UniProt ID:	Q96ME7
Cytogenetics:	2p23.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	64.7 kDa
Gene Summary:	This gene encodes a protein containing four putative zinc finger motifs. Zinc finger motifs may bind to proteins or nucleic acids. Zinc finger-containing proteins are involved in a variety of processes, including regulation of transcription. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Sep 2012] Transcript Variant: This variant (1) encodes the longest isoform (a).