

Product datasheet for **SC314255**

ZNF264 (NM_003417) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF264 (NM_003417) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF264
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

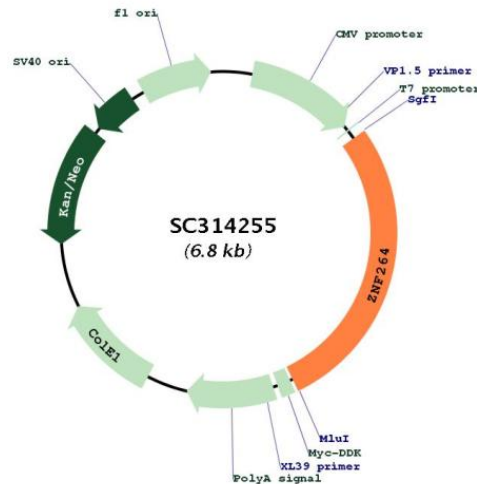


[View online »](#)

Fully Sequenced ORF: >SC314255 representing NM_003417.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGGCAGCGGTGCTGACGGACCGGGCCAGGTGTCTGTGACCTTTGATGATGTGGCTGTGACTTTC
ACCAAGGAGAGTGGGGCAGCTGGACCTAGCTCAGCGGACCCTGTACCAGGAGGTGATGCTGGAAAAC
TGTGGGCTCCTGGTGTCTCTGGGGTGTCTGTCCCAAAGCTGAGCTGATCTGCCACCTAGAGCATGGG
CAGGAGCCATGGACCAGGAAGGAAGACCTCTCCCAAGACACCTGTCCAGGCGACAAGGAAAACCTAAG
ACCACAGAACCTACCCTTGTGAGCCAGCCTTGTGAGAGGAATCTCACTTCAGGGACAAGTGACACAA
GGAAACTCAGTGGACTCACAGTTGGGGCAAGCCGAGGATCAGGATGGGCTATCAGAAATGCAGGAAGGA
CACTTCAGACCAGGAATAGATCCCCAGGAGAAGTCTCCTGGGAAGATGAGCCCTGAATGTGATGGTTTA
GGGACAGCTGATGGTGTGTGTTCAAGGATTGGACAGGAGCAAGTCTCTCCAGGAGATAGAGTCCGTAGC
CATAACTCATGTGAGTCAGGTAAGATCCCATGATTCAGGAAGAGGAAAAAATACTTTAAATGCAGTGAA
TGTGGAAAAGTATTTAACAAGAAACACCTCCTTGTCTGGACATGAGAAAATCACTCTGGAGTTAAGCCC
TATGAATGCACAGAATGTGGGAAAACCTTTATTAAAGAGCACACATCTCCTGCAACATCACATGATCCAC
ACTGGGGAGAGGCCCTATGAGTGCATGGAGTGTGGAAGGCCCTCAACCCCAAGTCATACCTTACCAG
CACCAGCGGATTCACAGTGGAGAGAAGCCTTACAAGTGAATGAATGCGGAAAAGGCCCTCACCCACCGC
TCCAATTTTGTCTTGATAACAGGAGACACACTGGAGAAAAATCCTTTGTGTGCACAGAATGTGGCCAA
GTCTTTGACATAGGCCAGGCTTTCTCCGGCACTATGTTGTCCACAGTGGTGAGAATCCCTATGAGTGC
TTGGAGTGTGGCAAGGCTTCAAACACAGGTCATATCTCATGTGGCACCAGCAGACTCATACCGGGGAG
AAGCCCTATGAGTGCAGTGAATGTGGGAAGGCTCTCTGGAGAGTGCAGCCCTGATTCACCACTATGTC
ATCCACACTGGAGAGAAGCCCTTTGAGTGCCTCGAGTGTGGGAAGGCTTTCAACCACCGATCCTACCTC
AAGAGGCACCAGCGGATTCACACTGGGGAGAAGCCCTTCGTGTGCAGTGAATGTGGAAAAGGCCCTCACC
CACTGCTCTACTTTTATCTTGCATAAAAAGGCCACACTGGAGAAAAGCCTTTGAGTGCAGAAAGAGTGT
GGGAAAAGCCTTTAGCAATCGGAAGGACCTCATTGCGCACTTCAGCATCCACACTGGAGAGAAGCCCTAT
GAGTGGTGGAGTGTGGAAAAGCCTTCACCCGCATGTCCGGCCTCACGAGGCACAAGCGGATTCATAGT
GGAGAGAAGCCCTATGAATGTGTTGAGTGTGGGAAATCGTTTTGCTGGAGCACAACCTCATTGACAT
GCCATTATCCCACTGGAGAGAAGCCCTATAAATGTAGTGAATGTGGAAGGCCCTCAGTCGCAGCTCG
TCCCTCACTCAGCATCAAAGGATGCATACTGGGAAAAATCCCATCAGTGTAAACAGATGTGGGAAGACCT
TTTACAAGTGGACAAACCTCAGTTACCCTTCGAGAACTCTTTTAGGGAAGGACTTTTTGAAATGTAACC
ACTGAGGCAAATATTTTGCAGAGGAAACATCTCCTCTGCATCTGATCAACCATACCAAAGAGAAACC
CCACAAGTGTCTTCACTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_003417

Insert Size: 1884 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_003417.4](#)

RefSeq Size: 12172 bp

RefSeq ORF: 1884 bp

Locus ID: 9422

UniProt ID: [O43296](#)

Cytogenetics:	19q13.43
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
MW:	70.6 kDa
Gene Summary:	This gene encodes a zinc finger protein and belongs to the krueppel C2H2-type zinc-finger protein family. Zinc finger proteins are often localized in the nucleus, bind nucleic acids, and regulate transcription. [provided by RefSeq, Jan 2010]