

## Product datasheet for SC335500

### ZNF2 (NM\_001291604) Human Untagged Clone

#### Product data:

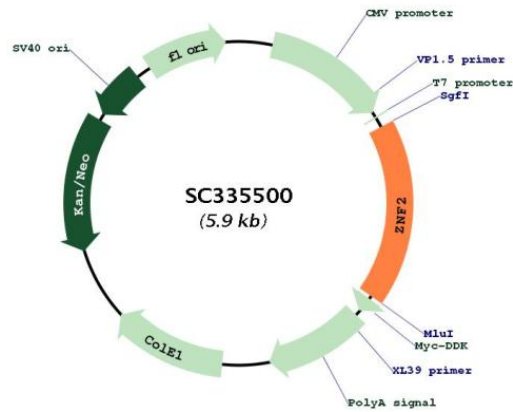
Product Type:	Expression Plasmids
Product Name:	ZNF2 (NM_001291604) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF2
Synonyms:	A1-5; Zfp661; ZNF661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335500 representing NM_001291604. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGCTGGAGA AACTATAACAGCATTGTGTCATTGGACTGGGAAACTAAGCCTGAGATTCACGATGCTTCA
GACAAAAAATCAGAAGGATCATTGAGGGAAATGCCTTGAAGGCAAAGTCCTCTGTGCTCTAAATTTGAA
GTTTCATACACCCAATGGCAGGATGGGAACAGAAAAGCAAAGCCCTTCAGGGGAGACTCGTAAGAAATCC
CTCTCCCGGGACAAAGGCTTGC GCGCAGCGTCAGCCCTGTCCAGGGAAATTCCTACTAAAGAGAGACAC
CAGGAATGCAGTACTGTGGGAAGACCTTTTTGACCACTCATCCCTCACCCGCCATCAGAGGACTCAC
ACTGGGAGAAGCCCTACGACTGCCGCGAGTGTGGGAAAGCCTTCAGCCACAGGAGCAGCCTCAGCAGA
CATCTGATGTCACACACTGGGGAGAGCCCTACGAGTGCAGTGTGTGCTCAAAGCCTTCTTTGACCGT
TCGTCCCTAACTGTCCATCAGCGAATTCACACTGGAGAGAAACCCCTTTCAGTGCAACGAGTGTGGAAAA
GCCTTTTTGACCGTTTCACTCCCTTACTCGACACAGAGAATTCACACTGGAGAAAGTCCTTATGAATGT
CATCAGTGTGGGAAAGCCTTTAGCCAGAAAAGTATTCTTACTCGCCATCAGCTAATCCACACTGGCAGG
AAGCCTTATGAGTGTAAACGAGTGC GGGAAAAGCTTTCTATGGTGTCTCGTCTCTGAATAGACATCAGAAA
GCTCATGCTGGGACCCTCGCTATCAGTGTAAACGAGTGTGGCAAAGCTTTCTTTGACCGCTCATCCCTT
ACACAGCATCAGAAGATCCACTGGAGACAAGCCATATGAATGCAGCGAATGCGGGAAAGCCTTTAGC
CAGCGGTGCCGGCTCACGCGCATCAGCGTGTCCACACGGGAGAGAAGCCCTTTGAATGCAGTGTGTGT
GGGAAAGTTTTAGTTCAAATCTTCTGTTATTCAACATCAACGGCGTTACGCCAAACAGGGAATAGAC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001291604

**Insert Size:** 1038 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\\_001291604.1](#)

**RefSeq Size:** 3794 bp

**RefSeq ORF:** 1038 bp

**Locus ID:** 7549

**Cytogenetics:** 2q11.1

**Protein Families:** Transcription Factors

**MW:** 39.5 kDa

**Gene Summary:**

The protein encoded by this gene belongs to the C2H2-type zinc-finger protein family. The exact function of this gene is not known, however, zinc-finger proteins are known to interact with DNA and function as transcription regulators. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]

Transcript Variant: This variant (4) lacks two alternate exons in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (d) is shorter than isoform a. 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.