

## Product datasheet for SC335531

### ZNF180 (NM\_001288762) Human Untagged Clone

#### Product data:

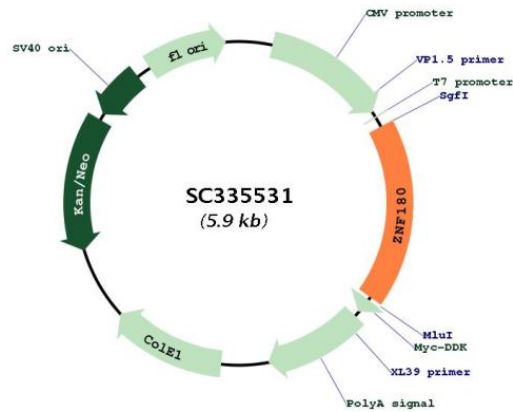
Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001288762) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF180
Synonyms:	HHZ168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335531 representing NM_001288762. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGAAATAATTCTGAAGAGAAACCTTTGAATGTAATCAGTGTGGAAATCCTTCAGCTGGAGCTCG
CATCTTGTGCACATCAGAGAACTCACACAGGGGAGAAACCTTATGAATGTAGTGAATGTGGAAAATCC
TTCAGCCGGAGCTCGCACCTTGTTCATCAGAGAACTCATACTGGAGAGAAACCTTACAGGTGTAAT
CAATGTGGGAAATCCTTTAGCCAGAGTTATGTCCTTGTGTGCATCAAAGAACTCATACTGGGAGAAAG
CCTTATGAATGCAATCAGTGTGGAAAGTATTAGGCAGAGCTATAAACTTATTGCACATCAAAGAAACA
CATACCGAGAGAAAGCCCTATGAATGTAATCAATGTGGGAAATCATTTATCCAGAGCTATAAACTTATT
GCACATCAAAGAATTCATACTGGGAAAAACCCCTATGAATGCAATCAGTGTGGGAAATCCTTTAGTCAA
AGTTATAAACTTGTGCTCATCAGAGAACTCACACAGGAGAAAAACCCCTTGAATGTAATCAGTGTGGG
AAATCCTTCAGCTGGAGCTCTCAGCTTGTTCACATCAAAGAACTCACACTGGAGAGAAACCGTATGAA
TGTAGTGAATGTGGAAAATCTTTAACCAGTCTCACCTTGTATGCATCAGAGAAATTCACACTGGG
GAAAAACCGTATGAATGTAATCAGTGTGGGAAATCCTTCAGCCAGAGTTATGTTCTTGTGTACATCAG
AGAACTCATACTGGAGAAAAGCCCTATGAATGCAGTCAATGTGGGAAATCCTTCAGACAGAGTTCATGC
CTTACTCAACATCAGAGAACTCATACTGGAGAGAAACCATTTGAATGTAATCAGTGTGGAAAACATTT
AGCTTGAGTGTCTGACTTATTGTGCATCAAAGAACTCATACTGGAGAGAAACCCCTTACATGTATTGAG
TGTGGAAAAGCTTTCATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAACTC
TATGAATGTAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001288762

**Insert Size:** 1050 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\\_001288762.2](#)

**RefSeq Size:** 4214 bp

**RefSeq ORF:** 1050 bp

**Locus ID:** 7733

**UniProt ID:** [Q9UJW8](#)

**Cytogenetics:** 19q13.31

**Protein Families:** Transcription Factors

**MW:** 40.2 kDa

**Gene Summary:** Zinc finger proteins have been shown to interact with nucleic acids and to have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See MIM 604749 for additional information on zinc finger proteins.[supplied by OMIM, Jul 2002]

Transcript Variant: This variant (7) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. This results in an isoform (5) with a shorter N-terminus, compared to isoform 1. Variants 5, 6, and 7 encode the same protein. 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.