

Product datasheet for **SC337164**

ZNF180 (NM_001278508) Human Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF180 (NM_001278508) 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) |

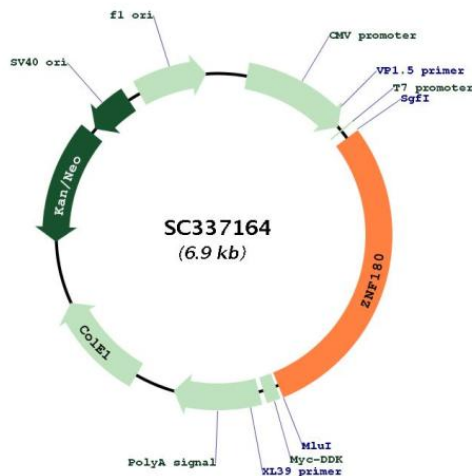


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Fully Sequenced ORF: >SC337164 representing NM_001278508.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGCATGCGCAGGGTCTACGCGGGAAGCTGGAAGCGGTGCTCAGGACCTCAGCACCCCTGCTGTGC
CTGGAGGAGAGCATGGAAGAGCAGGATGAGAAGCCCCCAGAGCCCCGAAGTCTGTGCACAGGAAGGA
GTGAACCTCAAATTGTGACTGTGGACTTCACACGGGAGGAACAGGGTACTTGCAACCTGCTCAGAGG
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TTCATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAACTCTATGAATGTAACT
TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001278508

Insert Size: 2004 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_001278508.2](#)

RefSeq Size: 4261 bp

RefSeq ORF: 2004 bp

Locus ID: 7733

UniProt ID: [Q9UJW8](#)

Cytogenetics: 19q13.31

Protein Families: Transcription Factors

MW: 76.3 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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to variant 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.