

Product datasheet for **SC301148**

ZNF182 (NM_001007088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF182 (NM_001007088) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF182
Synonyms:	HHZ150; KOX14; Zfp182; ZNF21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



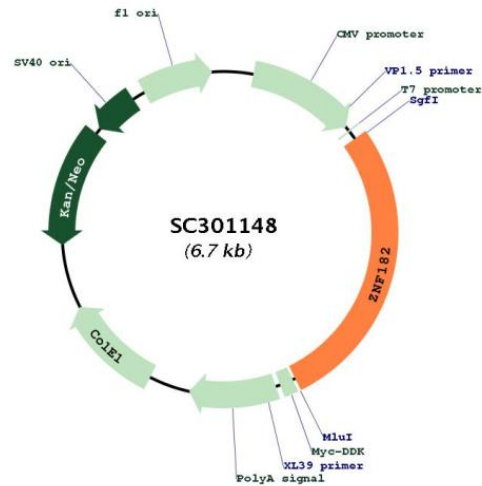
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Fully Sequenced ORF: >SC301148 representing NM_001007088.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCAAACCCAGGGCTAGTGACATTTGAAGATGTAGCTGTGGATTTCAACCAGGAGGAGTGGCAG
TACCTGAACCCACCACAGAGACCCTGTACAGAGACGTGATGCTGGAGACCTACAGCAACTTGGTCTTT
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TGCCTGAGTGTGGCAAAGCCTTCGAGAAAAGTCAACATTCAGTGTACATCAAAGAACTCATACTGGA
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CGAACCCATGCAGGAAAAGAAAGCCATGGAAGAGGCCACTCGGAAGTCAAAGTTCATGGCACATTAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001007088

Insert Size: 1863 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_001007088.1](#)

RefSeq Size: 3504 bp

RefSeq ORF: 1863 bp

Locus ID: 7569

UniProt ID: [P17025](#)

Cytogenetics: Xp11.23

MW: 71.6 kDa

Gene Summary: Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a zinc finger protein, and belongs to the krueppel C2H2-type zinc-finger protein family. It may be involved in transcriptional regulation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2010]
Transcript Variant: This variant (2) lacks an internal exon in the 5' region, resulting in an upstream AUG start codon, as compared to variant 1. The encoded isoform 2 is shorter and has an alternate N-terminus, as compared to isoform 1.