

Product datasheet for **SC327925**

ZNF181 (NM_001029997) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF181 (NM_001029997) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF181
Synonyms:	HHZ181
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC327925 representing NM_001029997.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCTCAGGTGACATTTAATGATGTGGCTATAGACTTCACTCATGAAGAGTGGGGATGGCTCAGTTCT
GCTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCCTGGTCTCTGTAGCAGGTCTT
TCTGTAACCTAAGCCATATGTGATCACGTTATTGGAGGATGGAAAAGGCCCTGGATGATGGAGAAAAA
CTGTCAAAGGTATGATTCCAGATTGGGAATCAAGATGGGAAAACAAGGAATTATCAACAAAGAAGGAT
AATTATGATGAAGATTCACCCAAACAGTAATAATAGAAAAAGTTGTAACAAAGTTATGAATTTTCA
AATTCTAAGAAGAATTTGGAATATATAGAGAAGTTGGAAGGGAAGCATGGAAGTCAGGTAGACCATTTT
AGACCAGCAATTCTCACCTCTAGAGAAAGCCCACTGCAGACAGTGTTCACAAATACAATATATTTAGA
AGCACCTTTCATTCAAAGTCTACTCTTTCTGAACCACAAAAAATTTCTGCTGAAGGGAATTCACACAAA
TATGATATATTAAGAAGAACTTACAAAAAGTCAGTTATAAAAAATGAGAAAGTCAATGGTGGAAAG
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TGTAATAGAGAGAAAATCTATACATGCAGTGAATGTGGGAAAGCCTTTGGCAAACAGTCAATCCTCAAT
CGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAATGTCGTGAATGTGGGAAGACTTTTAGCCAT
GGCTCATCCCTTACACGACATCTGATAAGCCATAGTGGAGAGAAACCTTACAAATGTATTGAATGTGGG
AAGGCCTTTAGCCATGTCTCACTTACTAACCATCAGAGCACTCACACTGGAGAGAAACCATATGAA
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GAAAACTCTATGAGTGTGATATGTGGAAAGCCTTCATTCATAGGTCATCTCTCATTACCATCAG
AAAATCCATACTGGAGAGAAGCCTTATGAATGTAGAGAATGTGGGAAAGCTTTCTGCTGTAGCTCACAC
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AGTAGCCTCTCATTTCTTGTTCAGCATCAGAGTATTCACTGAAGAAAAACCTTTGAATGTCAGAAA
TGCAGGAAATCCTTCAACCAGCTTGAATCACTGAATATGCATTTGAGAAATCACATTAGATTGAAACCC
TACGAATGCAGTATATGTGGAAAGCCTTTAGTCATAGGTCACTCCCTGCTTCAACATCACAGAATTCAT
ACTGGAGAGAAACCTTATGAATGTATTAATGTGGGAAGACCTTCAGCTGTAGTTCAAACCTTACCGTA
CATCAGAGAATTCACACTGGAGAAAAGCCATATAAATGTAAATGAGTGTGGGAAAGCTTTTAGCAAAGGC
TCAAATCTTACTGCCATCAAAGAGTACATAATGGAGAGAAACCAATAGTGTGGTAAAGTGTGGAAAA
CCTTTAGACTATATGAATCACTATACATGTGAGAAATCTTACAGAAGAGAAACTGTATGA
ACGGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001029997

Insert Size: 1716 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_001029997.3](#)

RefSeq Size: 2951 bp

RefSeq ORF: 1716 bp

Locus ID: 339318

UniProt ID: [Q2M3W8](#)

Cytogenetics: 19q13.11

MW: 65.8 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 2003]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).