

Product datasheet for **SC114200**

ZNF581 (NM_016535) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF581 (NM_016535) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF581
Synonyms:	HSPC189
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016535, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGTGCTGCCATCCCCCTGCCCTCAGCCTCTGGCATTTCCTCCGTTGAGACCATGGAGGGCCCTC
CCCGTCGGACTTGCCGCTCCCCAGAACCTGGACCTTCCTCCTCCATCGGATCTCCCCAGGCTTCATCTCC
TCCAAGGCCCAACCACTACCTGCTTATTGACACTCAGGGTGTCCCTACACAGTGCTGGTGGACGAGGAG
TCACAGAGGGAGCCAGGGGCCAGTGGGGCTCCAGGCCAGAAAAAGTGCTACAGCTGCCCCGTGTGCTCAA
GGGTCTTCGAGTACATGTCTACCTTCAGCGACACAGCATCACCCACTCGGAGGTAAGCCCTTCGAGTG
TGACATCTGTGGGAAGGCATTCAAGCGCGCCAGCCACTTGGCACGGCACCATTCCATTACCTGGCGGGT
GGTGGGCGGCCCCACGGCTGCCCGCTCTGCCCTCGCCGCTTCGGGATGCGGGTGAGCTGGCCCAGCACA
GCCGGGTGCACTCTGGGGAACGCCCGTTTCAGTGTCCACACTGCCCTCGCCGCTTATGGAGCAGAACAC
ACTGCAGAAACACACGCGGTGGAAGCATCCATGA
```



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016535 unedited
 GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCGG
 CACGAGGCTTCTCTCCATCGGATCTCCCAGGCTTCATCTCTCCAAGGCCAACAC
 TACCTGCTATTGACACTCAGGGTGTCCCTACACAGTGTGGTGGACGAGGAGTACAG
 AGGGAGCCAGGGGCCAGTGGGGCTCCAGGCCAGAAAAAGTGTACAGTGTCCCGTGTGC
 TCAAGGGTCTTCGAGTACATGTCTACCTTCAGCGACACAGCATCACCCACTCGGAGGTA
 AAGCCCTTCGAGTGTACATCTGTGGGAAGGCATTCAAGCGCGCCAGCCACTTGGCACGG
 CACCATTCCATTACCTGGCGGGTGGTGGCGGGCCACAGGCTGCCCGCTCTGCCCTCGC
 CGTTCCGGGATGCGGGTGGAGCTGGCCAGCACAGCCGGTGCCTCTGGGGAACGCCCG
 TTTTCAGTGTCCACTGCCCTCGCCGCTTATGGAGCAGAACACTGCAGAAACACAG
 CGGTGGAAGCATCCATGAGCCGGCTGCCGGTGGCCAGGTACCACAGGACTTTGCAGG
 GAGCCTGGACTCTGTCCAGACACTGGTGGAGCCTGAGGCTGGTGTTCAGGGCCCTGG
 ACACAGACACAGAGCAGCCGATCTCANAGCAGAGCCCTGCCTGAANGGAGAATCCGTGA
 GTAATCTTCAGGTCCTTNCGTGTCTGGAGCTGAGATGGGAATGAGCCCTACACAGATGG
 AGTCTCTAGCCTAAAGAATCAGCTGNTCCATGGCANNACCTTGACTGGATTGGAGTGGN
 GAATGGNGTGTGTAAAGTCTCTGGCCTCATANAAGTGGGCTGGGGGGTGTGTCAGGAATC
 TGCGCCATTTCTGGGGCTTCTGCCCTGTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016535 unedited
 TTTAAAANNNGTACTTGNACCGCGCCGATTCTANATCGAGTNTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTCCAAAGGGGAAACGTGTTTATTGTTTGATCAATCTCAGG
 CCTGGTTGGGGGTGGAAGGCAGGACTGGGGTCCCTTCCCAACAACAGCGCAAAAACCC
 CAGAAAAATGGCCAAATTCCTGACAACCCACAGCCACCTTTTATGAGGCCAAAGACTTT
 ACACACCACACTCCACCTCCATCCAGTCAAGGCTCTGCCATGGAACAGCTGATATCTT
 TAGGCTAAAGGACTCCATTCTGTGTAGGGGCTCATTCCCATCTCAGCTCCAAAACAGGAG
 GACCTGAAGATACTACGGATTTCTCCTTCAGCAGGGCTTGCCTTTGAAATGCCGCTGCT
 TTGGTCTGGTCCAGGGCCCTGAACACANCCCTAAGCTTTCACCAGGGTCTGGAAAGGATC
 CAGGCTCTGCAAAGCCTGGGGACTTGGGGCCCCGGGACCCCGGTAATGATGCTCCACC
 GTGGGGTCTGCAGGGTCTGCTCCTAAGCGGGAGGGCAGGGGGACCTTAACCGGCTCC
 CAAAAGACCCGGTTGGCTGGGCACCTACCCCTTCCCGAAACGGAAGGCAAAACGGCAC
 CCGGGGGCCCCCCCCACCCCAAGGAAAGGAATGGCCCCCAGGGGTGGCCCCCTAA
 ATGCTTCCCAAAATTTCAACCCCAAGGGCTAACCTTCAAGGGGGGAACCTTTGCCCTAG
 GGGGAATTTCCCAAAACCTTTGCCCGGGCAGGTGAACTTTTTTGGGGCGGAACCC
 AGGGCCCTGGGTCCCTTGTGATCCTTTTCCCACTTTGGGGGGACCCCGGGTAAAAAA
 CGGTTGGTGGCCTGGGAAAAAACACCGGGGAACCGGGAGGGAA

Restriction Sites:

NotI-NotI

ACCN:

NM_016535

Insert Size:

1040 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_016535.3](#), [NP_057619.1](#)

RefSeq Size: 1258 bp

RefSeq ORF: 594 bp

Locus ID: 51545

UniProt ID: [Q9P0T4](#)

Cytogenetics: 19q13.42

Domains: zf-C2H2

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]