

Product datasheet for **SC114419**

ZNF580 (NM_016202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF580 (NM_016202) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF580
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016202, the custom clone sequence may differ by one or more nucleotides

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ATGCTGCTGCTGCCGCCGCGGCCACCCACCCCTCGGTCTCCTCTCCGGAGGCCATGGACCCACCGCCCC  
CCAAGGCTCCCCCTTTCCCAAGGCGGAAGGCCCTCCTCCACTCCTTCCTCGGCGGGCGGGGCCCGACC  
CCCGCGGCTGGGCGCCACCTCCTCATCGACGCCAATGGGGTCCCCTACACATACACGGTGCAGCTGGAG  
GAGGAGCCCCGGGGCCCGCCCCAGCGCGAGGCGCCCCCAGGAGAGCCCGGCCCTCGCAAGGGCTACAGCT  
GCCCCGAGTGCGCCCGTGTCTTTGCCAGCCCTCTGCGGCTGCAGAGCCACCGCGTGTGCACTCGGACCT  
CAAGCCCTTACGTGCGGCGCCTGCGGCAAGGCCTTCAAGCGCTCCAGCCACTGTGCGGCATCGCGCC  
ACGCACCGCGCCCGCGCCGGGCCGCCACACCTGCCCGCTCTGCCACGCCGCTTCCAGGACGCCGCGG  
AGCTGGCGCAGCACGTGCGCCTCCACTAA
```



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016202 unedited
 NCCATGTTCAAATTTTGTAAATACGACTCACTATAGGGCGGCCGCGGGNAAAAAGAAAA
 CCACAGATTAGAGAAATCTCGGCGGTCCAGGAGGCCCGGGTCTAAGATGTAAAGAGGTAA
 ACAGATTTAGGGATTGATTGTCTGCTGGGTGGTTGAGAGGAGAAAAGGGAAGAAAAAGT
 CGGGGACTACGTCTCAGACCTGACCTGAGTGGTGAGAGGTGGACCCAGGAGGAGTGGC
 AGGTGGTGGCGGGTTTTGCAGAGCTCAGTTGGAGGCCCTCTCCGAGGCAGCTTGATGGA
 ACGTGGGAGAGCCGGCTGGAGTCACAGTTTTTATTTTGTAGGGAGGTAGTCAGTGGCG
 CACAAAGGGTAACAAGCAGTGATAGTGGGATGCTTTCCATTTTAGGAACTTTTCTTAA
 AAGGAAGTGGCAATTTTAACTAATCTCCCTCCGCGCTCCCAGCTGCCACTCCAGATGC
 TGCTGCTGCCGCGCGGCCACCCACCCTCGGTCTCTCTCCGGAGCNCATGGACCCAC
 CGCCCCCAAGGCTCCCCCTTTCCCAAGGCGAAGGCCCTCTCCACTCCTTCTCGG
 CGGCGNGCCCGACCCCGCGGTGGGCGCCACCTCTCATCGACCCAATGGGGTCC
 CCTACACATACACGGTGCAGCTGGAGGAGAGCCCGGNGCCCGCCAGCGGAGGCGC
 CCCCAGGAGAGCCCGCCCTCGCAAGGGCTACAGCTGCCCGNAGTGCGCCCGTGTCT
 TTGCCAGCCCTCTGNCGCTGCAGACCACCCGCGTGTGCGACTCGGACCTCAGCCCTCCG
 TGCCGCGCTGCNNGCAGGCCTTACGCGCTCAGCCACTGTCGGGNATNGNCACGCACGC
 GCCGNGCCGGCCGCGACT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016202 unedited
 TTACGTCTATTATGTACGGGCGCTTTCTANGATCAGTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTGGAGTGCGAATGGTTATTGAGCAAAGGTCGGGGCGTGGGCGAAAGGG
 GTAGATACAAAAATGAACCAGACCGTCCCGTCTTTTATTATTCTTTCCCGAAACA
 AACACCGGTTTACCGTCCAGAAAGCAAAAACCAAGGTTAAAAAGGGCATGTCACTTG
 GACAAGCTCACACAGACAACCTGGGTGGAACCAATCCACTGGGTCCCAAGCCCAAG
 GAGGGCAACGACTTTGGGCTACATTACACAGCTTGAAAGGGGGAAAGAAAGAATGATG
 CTCTCCCTTTGAAAGGGGGTGGAGCCCAAGGTAAGGAGTAACCTCAACAAAACCC
 AGGGGTGTGTGGGAATGAATGACCCTTTGTGGGTCAAACCTGGGGGGCCTGAAACCG
 CAAGGGAACACAAGCCGGTCTTGAGCTTAATGGAAGCGCACGTGCTGGGCCAGTTCGC
 GGCGTTCTGAAACCGCTGGGCAAAACGGCAAGTGTGCCGCGGCCCGCGCCGGCGCC
 GTGCGTGGCGCCATGCCCGACAAGTGGCTGGAGCGCTTGAAAGCCTTGCCCAAGCGCC
 GCACGTGAAAGGCTTGAAGTCCCAGTGCACACCGGTGGCTCTGCAGCCGAGAAGGCT
 GGCAAATACACGGGCGCACTCCGGGAGCTGTAACCCTTGCAAGGCGGGCTCTTCTGG
 GGGCGCCTCAGCTGGGGCAGACCCCGGGCTTCTNCTCAGTTGACCGTGTATGTGG
 TAGGGGACCCATTGGCGTCGATGC

Restriction Sites:

ECoRI-NOT

ACCN:

NM_016202

Insert Size:

1500 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_016202.2](#), [NP_057286.1](#)

RefSeq Size: 1433 bp

RefSeq ORF: 519 bp

Locus ID: 51157

UniProt ID: [Q9UK33](#)

Cytogenetics: 19q13.42

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: Involved in the regulation of endothelial cell proliferation and migration. Mediates H(2)O(2)-induced leukocyte chemotaxis by elevating interleukin-8 production and may play a role in inflammation. May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 all encode the same protein. COMPLETENESS: complete on the 3' end.