

## Product datasheet for **SC304906**

### ZNF8 (NM\_021089) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF8 (NM_021089) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF8
Synonyms:	HF.18; Zfp128
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC304906 representing NM\_021089.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGACCCGAGGACGAAGGGGTAGCGGGAGTGATGTCTGTGGGCGCCGGCGGCCGGCTTCAGGAA
CCAGTGACCTTCGGGATGTGGCTGTGGACTTTACCCAGGAGGAATGGGGCAGCTGGACCTACCCAG
AGGATCCTCTACCGTGAGGTGATGCTGGAGACCTTTGGTCACCTGCTCTCCATAGGTCTGAGCTCCG
AAGCCTGAAGTCATCTCCAGCTGGAGCAAGGGACCGAGCTATGGGTGGCTGAGAGAGGAACCCAG
GGTGCCATCCAGCCTGGGAGCCTCGATCTGAAAGCCAAGCATCACGCAAGGAAGAGGGCCTGCCTGAA
GAGGAGCCATCCCATGTCACGGGAAGGAAGGATCCCGACAGATGCTCCTTATCCACCACGTTAGGG
AAAGACAGGGAGTGTGAGAGCCAGAGTCTGGCACTCAAGGAGCAGAATAACTTGAAGCAGTTGGAATTT
GGCCTCAAGGAAGCACCAGTTCAAGATCAAGGCTACAAAACCTCAGACTCAGGGAAAACGCGTCTG
AGTTCAAGCCCAATCCATTCCAGAGATCTCTAGAGGGGAGTATTTGTATACTTACGACTCACAGATT
ACAGACTCAGAACATAACTCCAGCTTAGTCAGTCAGCAGACAGGCTCCCCAGAAAACAGCCCGGTGAA
AACAGTACTGTACAGAGATTCCAGTCAAGCCATTCCAATTACGGAACCTACAAAAGCCAGGTGCAG
GACAAACCCTACAAATGTACTGACTGTGGGAAGTCGTTTAAACATAACGCACACCTCACCGTGCACAAG
AGGATTCATACGGGAGAAAGACCTTATATGTGCAAGGAGTGTGGGAAAGCCTTACGCCAGAACTCCTCC
CTCGTCCAGCATGAGCGCATCCACACTGGAGACAAGCCCTACAAGTGTGCCGAATGTGGGAAGTCTTTC
TGCCATAGTACACACCTTACCGTCCATCGGAGGATTACACTGGGGAGAAGCCCTATGAGTGTGAGGAC
TGTGGGAGGGCCTTCAACCAGAACTCCTCCCTGGGGCGGCACAAGAGGACACACTGGGGAGAAGCCA
TACACCTGCAGTGTGTGGGAAATCCTTCTCTCGGACCACTTGCCTTTTCTGCACCTGAGAACTCAC
ACCGAGGAGAGGCCCTACGAGTGAACCACTGCGGGAAGGGCTTCAGGCACAGCTCATCCTGGCCAG
CACCAGCGGAAGCACGCGGGGGAGAAGCCCTTTGAGTGCCGCCAGAGGCTGATCTTTGAGCAGACGCCA
GCTCTCACAAAGCATGAATGGACAGAAGCCCTGGGCTGTGACCCACCTTTGAGTCAAGATGAGAGGACT
CACCGAAGCGACAGACCTTCAAATGTAATCAGTGTGGGAAGTGTTCATTGAGACTCTCACCTCATC
CGGCACCAGATAACTCACACCAGAGAGGAGCAGCCCCATGGGCGAAGCCGGCGGCGTGAACAATCCTCG
AGCAGGAACTCACACCTGGTTCAGCATCAACACCCGAACCTCAGAAAGAGCTCTGCAGGCGGAGCAAAG
GCAGGGCAGCCGAAAGCAGAGCCCTGGCTTTGTTTGACATCCAAAAATCATGCAAGAGAAAAACCT
GTGCACGTTATTGGGGTGAAGAGCCTTCTGTGGGTGCTTCCATGTTATTGACATCAGAGAATCCACA
TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_021089

**Insert Size:** 1728 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\\_021089.2](#)

**RefSeq Size:** 2210 bp

**RefSeq ORF:** 1728 bp

**Locus ID:** 7554

**UniProt ID:** [P17098](#)

**Cytogenetics:** 19q13.43

**MW:** 65 kDa

**Gene Summary:** Transcriptional repressor. May modulate BMP and TGF-beta signal transduction, through its interaction with SMAD proteins.[UniProtKB/Swiss-Prot Function]