

Product datasheet for **SC335786**

Znf206 (ZSCAN10) (NM_001282415) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znf206 (ZSCAN10) (NM_001282415) Human Untagged Clone
Tag:	Tag Free
Symbol:	Znf206
Synonyms:	ZFP206; ZNF206
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335786 representing NM_001282415. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCGCACTCACACGGACGAGCGGCCGACGCCTGCCACCTGTGCGGCCACCGCTTCCGCCAGAGCTCG
 CACCTGAGCAAGCACCTGCTGACCCACTCTCCGAACCCGCCCTTCTGTGCGCAGAGTGCGGCCCGGC
 TTCCAGCGCCGCGCCAGCCTTGTGCAGCACCTGCTGGCGCAGCCAGGACCAGAAGCCGCCCTGCGCT
 CCTGAGAGTAAGGCCGAAGCGCCGCACTGACCGATGTCCTGTGCTCCACTGCGGCCAGAGCTTCCAG
 CGCCGCTCCAGCCTCAAGCGCCACCTGCGGATCCACGCCAGGGACAAGGACCGCCGTCCTCCGAAGGC
 TCCGGCAGCCGCCCGGGACTCCGACCGGAGGCCCTTCGTGTGACGCAAGGCCTTCCGG
 CGCAGCGAGCACCTGGTGGCCACCGGAGGGTGACACGGGCGAGCGGCCCTTCTCTGCCAGGCTTGC
 GGCCCGAGCTTACGCAGAGCTCGAGCTGGTCAGCCACCAACGGGTGCACACGGGCGAGAAGCCCTAC
 GCCTGTCCGAGTGCGGGAAGCGCTTTGTGCGCCGGGCCAGCCTTGCCCGCCACCTGCTGACCCACGGT
 GGCCCTCGGCCCCACCACTGCACCCAGTGCGGGAAGAGTTTCGGCCAGACCCAGGATCTGGCCCGCCAC
 CAGCGCAGCCACACGGGCGAGAAGCCCTGCCGCTGCAGCGAGTGCGGTGAGGGCTTACGCCAGAGCGCC
 CACCTGGCGCGCCACAGCGCATCCACACAGGGGAGAAGCCCCACGCCTGCGACACCTGCGGCCACCGT
 TTCCGCAATAGCTCCAACCTGGCCCGCCATCGCCGAGCCACACGGGCGAGCGGCCCTACAGCTGTCAG
 ACGTGCGGTCGACGCTTCCGGCGCAACGCGCATCTGCGGCGCACCTGGTACCATGCGGAGCCCGGG
 CAGGAGCAGGCCGAGCCCCGCGAGGAGTGCGTGAGTGCGGGAAGAGCTTCAGCCGAGCTGCAATCTG
 CTGCGACACCTGCTGGTGACACAGGGCGCCAGGCCCTACTCTGCACGCAAGTGCGGCCGAGCTTACG
 CGCAACTCCACCTGCTGCGCCACCTGCGCACCCACGCCCGGAGACGCTGTACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


[View online »](#)

ACCN:	NM_001282415
Insert Size:	1161 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:	<u>NM_001282415.1</u>
RefSeq Size:	2281 bp
RefSeq ORF:	1161 bp
Locus ID:	84891
UniProt ID:	<u>Q96SZ4</u>
Cytogenetics:	16p13.3
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
MW:	43.9 kDa
Gene Summary:	Embryonic stem (ES) cell-specific transcription factor required to maintain ES cell pluripotency. Can both activate and /or repress expression of target genes, depending on the context. Specifically binds the 5'-[GA]CGCNGGCG[CT]-3' DNA consensus sequence. Regulates expression of POU5F1/OCT4, ZSCAN4 and ALYREF/THOC4.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate 5' structure which results in the use of a downstream in-frame AUG, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.