

Product datasheet for **SC337081**

Znf206 (ZSCAN10) (NM_001282416) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znf206 (ZSCAN10) (NM_001282416) 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)



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Fully Sequenced ORF: >SC337081 representing NM_001282416.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCTTCCAGTATCAGGAGGACATGGGGCACGGGCGTCCCTGAGCCGGCTCCGGGAGCTCTGCGGCCA
CTGGCTGCGGCCGGCTCTGCACACCAAGAAACAGATCCTGGAGCTGCTGGTGTGGAGCAGTTCTGAG
TGTGCTGCCTCCGCACCTCCTGGGCCGCTGCAGGGGCAGCCGCTCAGGGATGGGAGGAGGTGGTGT
GCTGCTCGAGGGCATCCACGGGAGCCAGCCACGCGGGCGCTGGTCCCCAGGGCCCCCACCATGG
CCAGAGGAGAGTCCCGAGATCAGGAGCTGGCGGCTGTGCTGGAGTGCCTGACCTTTGAGGATGTGCCA
GAGAATAAGGCGTGGCCTGCACACCCCCGGGATTCGGAAGCAGAACCCAGACAAGGAGGAATTTAAA
CAAGAAGAGCCCAAAGGGGCTGCCTGGCCACTCCCATCTTAGCAGAGTCCAGGCAGATAGTCTGGG
GTGCCGGGAGAGCCTTGCGCCAGTCGCTCGGACGGGGCGCTGCGGCTAGCGGCCCTGGTGAAGTGGG
TCCCTTCTTGGCAGCAGTAAATTTGGAGGTCAAAGTGGCTGAGGGCGTCCCCAGCCCAATCCGGAG
TTGCAGTTCATCTGCGCGGACTGCGGGGTGAGCTTCCCGCAGCTGTCTGCTGAAGGCGCACAGCTG
CGCTCGACCCCGCTGGGCGCTCCTTCCCTGTGCCTTTGCTGCGGGAAGAGCTTCGGCCGAGCTCCATT
CTCAAGCTGCACATGCGCACTCACACGGACGAGCGGCCGACGCCTGCCACCTGTGCGGCCACCGCTTC
CGCCAGAGCTCGCACCTGAGCAAGCACCTGCTGACCCACTCCTCCGAACCCGCTTCTGTGCGCAGAG
TGCGGCCGCGGCTTCCAGCGCCGCGCCAGCCTTGTGACAGCCTGCTGGCGCACGCCAGGACCAGAAG
CCGCCCTGCGCTCCTGAGAGTAAGGCCGAAGCGCCGCACTGACCGATGTCTGTGCTCCCACTGCGGC
CAGAGCTTCCAGCGCCGCTCCAGCCTCAAGCGCCACCTGCGGATCCACGCCAGGGACAAGGACCGCCGG
TCCTCCGAAGGCTCCGGCAGCCGCGCCGGGACTCCGACCGGAGGCCCTTCGTGTGACGCGACTGCGGC
AAGGCCCTCCGGCGCAGCGAGCACCTGGTGGCCACCGGAGGGTGCACACGGGCGAGCGGCCCTTCTCC
TGCCAGGCTTGGCGCCGAGCTTACGCAGAGCTCGCAGCTGGTACGCCACCAACGGGTGCACACGGGC
GAGAAGCCCTACGCCTGTCCGAGTGGCGGAAGCGCTTTGTGCGCCGGCCAGCCTTGCCCGCCACCTG
CTGACCCACGGTGGCCCTCGGCCACCCTGACCCAGTGGCGGAAGAGTTTCGGCCAGACCCAGGAT
CTGGCCCGCCACCAGCGCAGCCACACGGGCGAGAAGCCCTGCCGCTGCAGCGAGTGGGTGAGGGCTTC
AGCCAGAGCGCCACCTGGCGCGCCACCAGCGCATCCACACAGGGGAGAAGCCCCACGCCTGCGACACC
TGCGGCCACCGTTTCCGCAATAGCTCAAACCTGGCCCGCCATCGCCGAGCCACACGGGCGAGCGGCC
TACAGCTGTGACAGTGGGTGCGAGCTTCCGGCGCAACGCGCATCTGCGCGGCACCTGGTACCCAT
GCGGAGCCCGGCGAGGAGCAGGCCGAGCCCCGAGGAGTGGTGGAGTGGGGAAGAGCTTCAGCCGC
AGCTGCAATCTGCTGCGACACCTGCTGGTGCACACGGGCGCCAGGCCCTACTCCTGCACGAGTGTGGC
CGCAGCTTCAGCCGAACTCCACCTGCTGCGCCACCTGCGCACCCACGCCCGGAGACGCTGTACTAG

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_001282416

Insert Size: 1932 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:	<ol style="list-style-type: none">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_001282416.1
RefSeq Size:	2476 bp
RefSeq ORF:	1932 bp
Locus ID:	84891
UniProt ID:	Q96SZ4
Cytogenetics:	16p13.3
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
MW:	69.7 kDa
Gene Summary:	<p>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]CGCNGCG[CT]-3' DNA consensus sequence. Regulates expression of POU5F1/OCT4, ZSCAN4 and ALYREF/THOC4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an exon in the 5' coding region which results in the use of an alternate start codon compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus compared to variant 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>