

Product datasheet for **SC305503**

Znf206 (ZSCAN10) (NM_032805) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znf206 (ZSCAN10) (NM_032805) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN10
Synonyms:	ZFP206; ZNF206
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



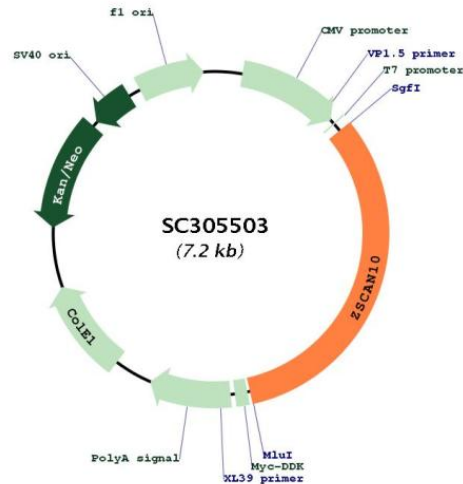
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Fully Sequenced ORF: >SC305503 representing NM_032805.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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GAGGCTGTACAGCCAGAGGACCCAGGCGACCAGAGTCCAGGCTGAGGCCGAGGTGGCTACCAGCTG
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_032805

Insert Size: 2343 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_032805.2](#)

RefSeq Size: 2740 bp

RefSeq ORF: 2343 bp

Locus ID: 84891

UniProt ID: [Q96SZ4](#)

Cytogenetics: 16p13.3

Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
MW:	86.8 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]CGCNNGCG[CT]-3' DNA consensus sequence. Regulates expression of POU5F1/OCT4, ZSCAN4 and ALYREF/THOC4.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).