

Product datasheet for **RG237892**

Znf206 (ZSCAN10) (NM_001282415) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znf206 (ZSCAN10) (NM_001282415) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Znf206
Synonyms:	ZFP206; ZNF206
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237892 representing NM_001282415. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCACTCACAGGACGAGCGGCCGACGCCTGCCACCTGTGCGGCCACCGCTCCGCCAGAGCTCG
CACCTGAGCAAGCACCTGCTGACCCACTCCTCCGAACCCGCCCTTCTGTGCGCAGAGTGGCGCCGGC
TTCCAGCGCCGCGCCAGCCTTGTGCAGCACCTGCTGGCGCAGCCAGGACCAGAAGCCGCCCTGCGCT
CCTGAGAGTAAGGCCGAAGCGCCGACTGACCGATGTCTGTGCTCCACTGCGGCCAGAGCTTCCAG
CGCCGCTCCAGCCTCAAGCGCCACTGCGGATCCAGCCAGGGACAAGGACCGCCGCTCCTCCGAAGGC
TCCGGCAGCCGCGCCGGGACTCCGACCGGAGGCCCTTCGTGTGACGACTGCGGCAAGGCCTTCCGG
CGCAGCGAGCACCTGGTGGCCACCGGAGGGTGCACACGGCGAGCGGCCCTTCTCTGCCAGGCTTGC
GGCCGCGAGCTTACGCAGAGCTCGCAGCTGGTACGCCACCAACGGGTGCACACGGGCGAGAAGCCCTAC
GCCTGTCCGAGTGGCGGAAGCGCTTTGTGCGCCGGGCCAGCCTTGCCTGCCACCTGCTGACCCACGGT
GGCCCTCGGCCACCAGCTGCACCCAGTGGCGGAAGAGTTTCGGCCAGACCCAGGATCTGGCCCGCCAC
CAGCGCAGCCACACGGGCGAGAAGCCCTGCCGCTGCAGCGAGTGGGTGAGGGCTTACGCCAGAGCGCC
CACCTGGCGCGCCACCAGCGCATCCACACAGGGGAGAAGCCACGCCTGCGACACTGCGGCCACCGT
TTCCGCAATAGCTCCAACCTGGCCCGCCATCGCCGAGCCACACGGGCGAGCGGCCCTACAGCTGTGAG
CAGTGGGTGCGAGCTTCCGGCGCAACGCGCATCTGCGGCGGACCTGGTACCCATGCCGAGCCCGGG
CAGGAGCAGCCGAGCCCGCAGGAGTGGTGGAGTGGCGGGAAGAGTTTACGCCGAGCTGCAATCTG
CTGCGACACTGCTGGTGCACACGGGCGCCAGGCCCTACTCTGCACGAGTGTGGCCGCGAGCTTACG
CGCAACTCCACCTGCTGCGCCACTGCGCACCCACGCCCGGAGACGCTGTAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237892
 Blue=ORF Red=Cloning site Green=Tag(s)

MRTHTDERPHACHLCGHRFRQSSHL SKHLLTHSSEPAFLCAECGRGFQRRASLVQHLLAHAQDQKPPCA
 PESKAEAPPLTDVLC SHCGQSFQRRSSLKRHLRIHARDKDRSSESGSRRRDSRRPFVCSDCGKA
 FRSEHLVAHRRVHTGERPFCQACGRSFTQSSQLVSHQRVHTGEKPYACPQCGRFVRRASLARHLLTHG
 GPRPHCTQCCKSGFQTDLARHQRSHTGEKPCRCSECGEGFSQSAHLARHQRIHTGEKPHACDTCGHR
 FRNSSNLARHRRSHTGERPYSQCGRSFRRNAHLRRHLATHAEPGQEQAEPPEQCEVCECGKSF SRSCNL
 LRHLLVHTGARPYSTQCGRSFSRNSHLLRHLRTHARETLY
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001282415

ORF Size: 1158 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

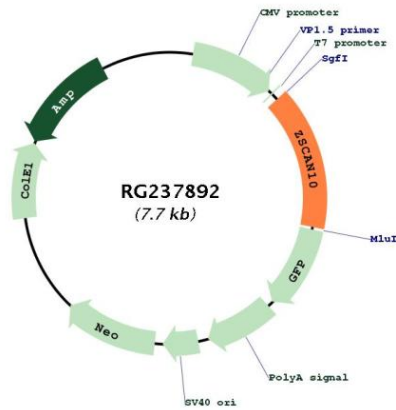
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001282415.2](#)

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:	44.4 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]CGCNGCG[CT]-3' DNA consensus sequence. Regulates expression of POU5F1/OCT4, ZSCAN4 and ALYREF/THOC4.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237892