

Product datasheet for **SC311109**

ZNF131 (NM_003432) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF131 (NM_003432) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF131
Synonyms:	pHZ-10; ZBTB35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC311109 representing NM_003432.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGCTGAAGAGACGATGGAATGCCTTCAGGAGTTCCTGAACATCATAAAATGATCCTCGACCGA
TTGAATGAACAGCGAGAGCAGGACCGGTTTACTGACATCACCTAATTGTCGACGACACCATTTTAAG
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CCATTGGTGGAGATAGAAGGTGTTAGTAAAATGGCCTTTCGCCATTTAATTGAGTTCACATATACAGCA
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GCTGCCAGGGAAGATCACGAAGATGCTGAGGATTTAGAGACCAAGCCAACAGTGGATTCTGAAGCAGAA
AAGGCAGAGAATGAGGACAGAACAGCTCTGCCAGTTTTAGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_003432

Insert Size: 1770 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:	<u>NM_003432.2</u>
RefSeq Size:	3061 bp
RefSeq ORF:	1770 bp
Locus ID:	7690
Cytogenetics:	5p12
Protein Families:	Transcription Factors
MW:	67.3 kDa
Gene Summary:	Plays a role during development and organogenesis as well as in the function of the adult central nervous system (By similarity). May be involved in transcriptional regulation as a repressor of ESR1/ER-alpha signaling.[UniProtKB/Swiss-Prot Function]