

Product datasheet for **SC113876**

ZSCAN2 (NM_017894) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZSCAN2 (NM_017894) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN2
Synonyms:	ZFP29; ZNF854
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017894, the custom clone sequence may differ by one or more nucleotides

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ATGATGGCTGCAGACATCCCGAGAGTGACCACTCCGCTGAGCTCCTTGGTCCAGGTGCCTCAAGAGGAAG
ATAGACAGGAGGAGGAGGTCAACCACATGATCCTGGAGGATGACTCCTGGGTGCAAGAAGCTGTGCTGCA
GGAGGATGGCCCTGAGTCTGAGCCCTTTCCCGAGAGTGTGGCAAGGGCGGCCCCAGGAGGAGGTGACC
AGGGGACCACAGGGTGCACTCGGCCGCTCCGAGAGCTCTGCCGGCGCTGGCTGAGACCAGAGGTACACA
CCAAGGAGCAGATGTTAACCATGCTGCCAAAGGAAATTCAGGCTTGGCTGCAAGAGCATCGGCCTGAAAG
CAGTGAGGAGGCAGCGCCCTGGTGAAGACTTGACCCAGACCCTTCAGGACAGTGTGTAGCTGTCGTT
GCTTCCCTCCGGTGGAGGTGACCAGTTTGTA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017894 unedited CCCGCCCGTTGNCGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAG CTCATTTAGGTGACACTATAGAATAACAAGCTACTTGTTCTTTTTGCAGCGGCCGCAATT CGGCACGAGGCCGGAGAGGCAGGCTGGAGCCACGCGGACCCCGGCAGTAGCCCGAGCG GGACTACTTGTGATATTTGAGGAGGGAAGTGTCTTACCTGAGAGCCTGGCTGGAGAAGA CTGAGGTCCAAGCCTTGAAGCCTAAGTGATTGCCCCAGGACTGTGGATGATGGCTGCAGA CATCCCAGAGAGTACCCTCCGCTGAGCTCCTTGGTCCAGGTGCCTCAAGAGGAAGATAG ACAGGAGGAGGAGTACCACCATGATCCTGGAGGATGACTCCTGGGTGCAAGAAGCTGT GCTGCAGGAGGATGGCCCTGAGTCTGAGCCCTTTCCCCAGAGTGCTGGCAAGGGCGGCC CCAGGAGGAGGTGACCAGGGGACCACAGGGTGCCTCGGCCGCCTCCGAGAGCTCTGCCG GCGCTGGCTGAGACCAGAGGTACACACCAAGGAGCAGATGTTAACCATGCTGCCAAAGGA AATTCAGGCTTGCTGCAAGAGCATCGGCCTGAAAGCAGTGAGGAGGCAGCGGCCCTGGT GGAAGACTTGACCCAGACCCTTCAGGACAGTGATTNTGAGATACAGAGTAAAAATGGGGA GAACNNTGTATCAGACATGTTTGAGAATGAATNCACGTAGATATTCTCGGAAATGCCCTG AGGTGAAGTGCTCAGCACTTCGATGGNGAAAGTACTTTGAGAGAGATGCTGCATCCAGA GGCTTCAGGGCACAGCCAGNTGAGGACCACGGNNAGTGGTNTCTCAGGACAGGAAAGT GCCAGCTCATAGCCCTGCAGGCCTACCTAGGGAGAGCCNTACGATGTNCCCGTGGGGG AGACTTNAGNCGNAATNCCACTCTNACCCNANAGCACCAACG
Restriction Sites:	NotI-NotI
ACCN:	NM_017894
Insert Size:	4000 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:	<u>NM_017894.3</u> , <u>NP_060364.2</u>
RefSeq Size:	1010 bp
RefSeq ORF:	1842 bp
Locus ID:	54993
UniProt ID:	<u>Q7Z7L9</u>
Cytogenetics:	15q25.2
Domains:	LER

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene contains several copies of zinc finger motif, which is commonly found in transcriptional regulatory proteins. Studies in mice show that this gene is expressed during embryonic development, and specifically in the testis in adult mice, suggesting that it may play a role in regulating genes in germ cells. Alternative splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) has a different 3' terminal exon compared to transcript variant 1, resulting in a shorter isoform (2) with a distinct C-terminus.