

Product datasheet for SC301144

ZSCAN2 (NM_001007072) Human Untagged Clone

Product data:

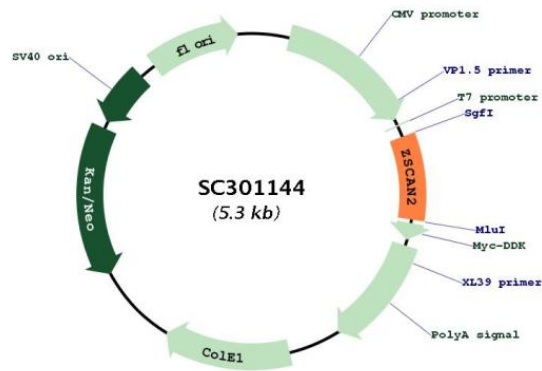
Product Type:	Expression Plasmids
Product Name:	ZSCAN2 (NM_001007072) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN2
Synonyms:	ZFP29; ZNF854
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301144 representing NM_001007072. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGATGGCTGCAGACATCCCGAGAGTGACCACTCCGCTGAGCTCCTTGGTCCAGGTGCCTCAAGAGGAA
GATAGACAGGAGGAGGAGGTCAACCATGATCCTGGAGGATGACTCCTGGGTGCAAGAAGCTGTGCTG
CAGGAGGATGGCCCTGAGTCTGAGCCCTTCCCGAGAGTCTGGCAAGGGCGGCCCCAGGAGGAGGTG
ACCAGGGGACCACAGGTGCACTCGGCCGCTCCGAGAGCTCTGCCGGCGCTGGCTGAGACCAGAGGTA
CACACCAAGGAGCAGATGTTAACCATGCTGCCAAAGGAAATTCAGGCTTGGCTGCAAGAGCATCGGCC
GAAAGCAGTGAGGAGGCAGCGGCCCTGGTGAAGACTTGACCCAGACCCTTCAGGACAGTAAACAGCT
TCCTGCGTACATGGCTGCCCTGTGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN:	NM_001007072
Insert Size:	441 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_001007072.1](#)

RefSeq Size: 951 bp

RefSeq ORF: 441 bp

Locus ID: 54993

UniProt ID: [Q7Z7L9](#)

Cytogenetics: 15q25.2

Protein Families: Transcription Factors

MW: 16.3 kDa

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 (3) has a different 3' terminal exon compared to transcript variants 1 and 2, resulting in the shortest isoform (3) with a distinct C-terminus.