

Product datasheet for **SC336618**

ZKSCAN1 (NM_001287054) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZKSCAN1 (NM_001287054) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZKSCAN1
Synonyms:	KOX18; PHZ-37; ZNF36; ZNF139; ZSCAN33
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336618 representing NM_001287054.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTGGGGCAGGATCCACCCTACAGGACACGCCTCTCCAGACCCAGAGATATTCGCCAACGCTTC
AGGCGCTTCTGTTACCAGAACACTTTTGGGCCCGAGAGGCTCTCAGTCGGCTGAAGGAACCTTGTGAT
CAGTGGCTGCGGCCAGAAATAAACACCAAGGAACAGATCCTGGAGCTTCTGGTGCTAGAGCAGTTTCTT
TCCATCCTGCCCAAGGAGCTCCAGGTCTGGCTGCAGGAATACCGCCCGATAGTGAGAGAGGAGGCCGTG
ACCCTTCTAGAAGACTTGGAGCTTGATTTATCAGGACAACAGGTCCAGGTCAAGTTCATGGACCTGAG
ATGCTCGCAAGGGGGATGGTGCCTCTGGATCCAGTTCAGGAGTCTCGAGCTTTGACCTTCATCACGAG
GCCACCCAGTCCCACCTTCAAACATTCGTCTCGAAACCCCGCTTTACAGTCACGAGCTTCTCTGCT
GCCACATTCTGCACCCCTCATGAGGGTAGTCCAGAGACCAGGCGATGGCATCTGCACTATTCACA
GCGGATCCAGGCAATGGTGAAGATCGAGGACATGGCTGTGCCCTCATTCTGGAGGAATGGGGATGT
CAGAATCTGGCTCGGAGGAATCTCAGTAGGACAACAGGCAGGAGAATTATGGGAGCGCATTTCGCCAG
GGTGGTAAAACAGGAATGAGAACGAGGAGTCAACCTCAAAGGCTGAAACCTCGGAAGATTACAGCATCA
CGCGGGGAGACAACAGGAAGATCCAGAAAAGAGTTTGGAGAGAAAACGTGACCAGGAGGGCAAAAACAGGA
GAAAGACAGCAGAAAAACCTGAGGAGAAAACAGGAAAGAGAAAAGAGATTACAGGGCCAGCTATAGGA
AAGGACAAAAAACCATCACAGGAGAGAGAGTCCAAGGGAGAAGGGGAAAGGATTGGGAAGAAGCTTC
AGTCTGAGCTCCAACCTCACACCCCTGAAGAAGTTCACAGGAAACAAAGTCTCACAGATGTGATGAA
TGTGGTAAATGCTTCACGAGAAGTTCAGCCTTATCCGCCATAAAATAATCCACTGGAGAAAAGCCC
TATGAATGTAGTGAGTGTGGGAAAGCCTTCAGTCTTAACCTCAACCTTGTCTGCATCAGAGGATCCAC
ACAGGAGAGAAAACCTCATGAATGTAACGAGTGTGGCAAGGCCTTCAGCCACAGTTCCAATCTCATCCTC
CATCAGCGCATCCACTCTGGAGAGAAAACCTTATGAATGTAATGAGTGGGGAAGGCTTCAGCCAGAGC
TCGGACCTCACCAAGCATCAGAGAATTCACACGGGGGAGAAAACCTATGAATGTAGTGAATGTGAAAA
GCTTTCAACCGAAACTACACTGATTTTGCATCGGAGAATTCACACTCGAGAAAAGCCCTACAAGTGC
ACTAAGTGTGGCAAGGCCTTCACCCGAGCTCCACCCCTACTCTGCATCAGAGAATCCATGCCAGAGAG
AGAGCCTCTGAGTACAGCCAGCCTCCCTTGATGCATTTGGCGGTTCTGAAAAGTTGTGTGTA
ACGCGTACGCGGCCGCTCGAGCAGAAAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001287054
- Insert Size:** 1584 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:**
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_001287054.1</u>
RefSeq Size:	9473 bp
RefSeq ORF:	1584 bp
Locus ID:	7586
Cytogenetics:	7q22.1
Protein Families:	Transcription Factors
MW:	59.7 kDa

Gene Summary: This gene encodes a member of the Kruppel C2H2-type zinc-finger family of proteins. This encoded protein may function as a transcription factor that regulates the expression of GABA type-A receptors in the brain. Transcripts from this gene have been shown to form stable and abundant circular RNAs. Elevated expression of this gene has been observed in gastric cancer and the encoded protein may stimulate migration and invasion of human gastric cancer cells. [provided by RefSeq, Oct 2016]

Transcript Variant: This variant (2) differs in its 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Both variants 2 and 5 encode isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.