

## Product datasheet for **SC303305**

### ZKSCAN1 (NM\_003439) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZKSCAN1 (NM_003439) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZKSCAN1
Synonyms:	KOX18; PHZ-37; ZNF36; ZNF139; ZSCAN33
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Fully Sequenced ORF:</b>	>OriGene ORF sequence for NM_003439 edited ATGATGACTGCTGAATCACGGGAAGCCACGGGTCTGTCCCCACAGGCTGCACAGGAGAAG GATGGTATCGTAATAGTGAAGGTGGAAGAGGAAGATGAGGAAGACCACATGTGGGGGCAG GATTCCACCCTACAGGACACGCCTCCTCCAGACCCAGAGATATCCGCCAACGCTTCAGG CGCTTCTGTTACCAGAACAACCTTTGGGCCCCGAGAGGCTCTCAGTCGGCTGAAGGAACTT TGTCATCAGTGGCTGCGGCCAGAAATAAACACCAAGGAACAGATCCTGGAGCTTCTGGTG CTAGAGCAGTTTCTTCCATCCTGCCAAGGAGCTCCAGGTCTGGCTGCAGGAATACCGC CCCGATAGTGGAGAGGAGCCGTGACCCTTCTAGAAGACTTGGAGCTTGATTTATCAGGA CAACAGGTCCCAGGTCAAGTTCATGGACCTGAGATGCTCGCAAGGGGGATGGTGCCTCTG GATCCAGTTCAGGAGTCTCGAGCTTTGACCTTCATCACGAGGCCACCCAGTCCCCTTC AAACATTCGTCTCGAAACCCCGCCTTACAGTCACGAGCTTCTCTGCTGCCACATT CCTGCACCCCTCATGAGGGTAGTCCCAGAGACCAGGCGATGGCATCTGCACTATTCACA GCGGATCCCAGGCAATGGTGAAGATCGAGGACATGGCTGTGTCCCTCATTCTGGAGGAA TGGGGATGTCAGAATCTGGCTCGGAGGAATCTCAGTAGGGACAACAGGCAGGAGAATTAT GGGAGCGCATTTCCCGAGGTGGTAAAACAGGAATGAGAACGAGGAGTCAACCTCAAAG GCTGAAACCTCGGAAGATTCAGCATCACGCGGGGAGACAACAGGAAGATCCAGAAAAGAG TTTGGAGAGAAAACGTGACCAGGAGGGCAAAAACAGGAGAAAAGACAGCAGAAAAACCTGAG GAGAAAACAGGAAAGAGAAAAGAGATTCAGGGCCAGCTATAGGAAAGGACAAAAAAC ATCACAGGAGAGAGAGGTCCAAGGGAGAAGGGGAAAGGATTGGGAAGAAGCTTCAGTCTG AGCTCAAACCTTACCACCCTGAAGAAGTCCCACGGGAACAAAGTCTCACAGATGTGAT GAATGTGGTAAATGCTTACAGAGAAGTTCAAGCCTTATCCGCCATAAAAATAATCCACACT GGAGAAAAGCCCTATGAATGTAGTGAAGTGGGAAAGCCTTCAGTCTTAACTCAAACCTT GTCTGCATCAGAGGATCCACACAGGAGAGAAAACCTCATGAATGTAACGAGTGTGGCAAG GCCTTCAGCCACAGTTCCAATCTCATCCTCCATCAGCGCATCCACTCTGGAGAGAAAACCT TATGAATGTAATGAGTGGGGAAGGCCTTCAGCCAGAGCTCGGACCTACCAAGCATCAG AGAATTCACAGGGGAGAAAACCTATGAATGTAGTGAATGTGGAAAAGCTTTCAACCGA AACTCATACTGATTTTGCATCGGAGAATTCACACTCGAGAAAAGCCCTACAAGTCACT AAGTGTGGCAAGGCCTTACCCGAGCTCCACCCTCACTCTGCATCACAGAATCCATGCC AGAGAGAGAGCCTCTGAGTACAGCCAGCCTCCCTTGATGCATTTGGCGGTTCTCTGAAA AGTTGTGTGATA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003439
<b>Insert Size:</b>	1700 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003439.1.
<b>Components:</b>	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\\_003439.1](#), [NP\\_003430.1](#)

**RefSeq Size:** 5494 bp

**RefSeq ORF:** 1692 bp

**Locus ID:** 7586

**UniProt ID:** [P17029](#)

**Cytogenetics:** 7q22.1

**Protein Families:** Transcription Factors

**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 (1) encodes the longest isoform (a). Both variants 1 and 6 encode isoform a. 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.