

## Product datasheet for **MR213303**

### Zscan25 (NM\_001081431) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan25 (NM_001081431) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zscan25
Synonyms:	EG666311; Zfp498
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR213303 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGAAAGAGCGTCTGGAGATGGCAGGAGATCCTCAGCAGCAGATGGGTGCTCCAGTGGTCAAACCTGG  
 AGAAGGAGCTGCCATGGGGCAGGGGAGGGGAGGACTCGAGTCCCAGGCATTTTCGTTGAGGTTTCGGCA  
 GTTCCGCTACCAAGAGGCTGCTGGTCCCCAGGAAGCCCTCAGGGAGCTCCAAGAGCTCTGTCGCCGGTGG  
 CTGAGGCCGAGCTGCACACCAAAGAGCAGATCCTGGAGCTGCTGGTGGTGGAGCAGTTCCTCACCATCC  
 TGCCCCGAGAGTTCTACACCTGGATCCGGGAACACAGCCAGACAGCGGCAAGGCTCTGGTGGCCATGGT  
 GGAGGAGCTGATGGGAGCACGGAGGCCAAGGCGGTTCCATGCCATGCCAGGGAGAGCAGCTGGTCACA  
 GCCCTTGGCGGAGCATCGTGGCAATCAGGCATCCACCTGGGGCCGGTAGAAGTCAAACCTGAGTGGGGGA  
 TACCCAGGGGGAAGGAGTTCAGAGCCTAGGCCAAGCACCACAGAACAGCTGAGCCAGGGCCCTGGAGA  
 TGGGACACAGGCCTCCAGGAACAAGCATTGCCATTCTCATGTGGGTCCAGGGCTTCCCTCTGTGAGT  
 GCCAGAGACCAAGAGATGGCTGCTGGATTCCCTGCAGCCACGTCCCAGGGTCTGGGGCCATTTAAAGACA  
 TGACTTTGGGTTTTCTGAGGAGGAATGGAGGCATGTAGCCCCAGCTCAGATTGACTGCTTTGGAGAATA  
 CGTGGACTCACAGGATTGTGGGTCTTCCAGGTGCTGGGAGCAAGGAGAAGGAGGCTAAGCCCCAGCAG  
 GAAGACCTGAAGAGAGCATTTGTTGGGTTGACTTCCGATGGCTTTGGAGAAGCCGACATCCAGATTCCCTG  
 GACCAGGGGGCACCTGTGAGCAGGAGCCTGGGAGCTCTGGGACCAGTCTGCCTGGGCTTCTGCTCCTCA  
 GCATGGGTACCCCTGCCTGACACCCCTAACACCCACAATTCTTCTGGAAGCCTTCCAGTGCCCTGAG  
 TGTGAAAAGGCTTTAGTCGGAGCTCAAACCTTGTAGGCACCAGCGGACCCATGAAGAAGAAAAATCCT  
 TTGGCTGTGTGGAGTGTGGGAAAGGTTTACCCCTGAGGGAATACCTCACCAGCATCAGAGGACCCACCT  
 GGGCAAGAGGCCCTATGTGTGTGGCAGTGTGGAAGACCTTCAGCCAGAGGCATCACCTGGAGGTGCAC  
 CAGCGTAGCCACACTGGGAGAGAAGCCCTACAAGTCTCAGACTGCTGGAAGGGCTTCAGCCGGAGGCAGC  
 ATCTGCTGGTGCATCGCAGGACGCACACAGGGGAGAAGCCCTACACCTGCGAGTGTGGCAAGAGTTTCAG  
 CCGGAACGCCAACCTGGCAGTGCACCGGCTGCCATACTGGGAGAGAAGCCCTATGGCTGCCAGGTGTGC  
 GGCAAGCGCTTCAGCAAGGGGAGCGACTGGTGCACACCAGAGGATCCACACTGGTGGAGAAGCCCTATC  
 ACTGCCAGCCTGCGGCCGAGCTTCAACCAGAGGTCCATCCTCAACCGTCATCAGAAGACCCAGCATCG  
 CCAGGAGCCTCCGGTGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR213303 protein sequence  
 Red=Cloning site Green=Tags(s)

MLKERLEMAGDPQQMGAPVVKLEKELPWGRGGEDSSPEAFRLRFRQFRYQEAAGPQEALRELQELCRRW  
 LRPELHKEQILELLVLEQFLTILPREFYTWIREHSPDSGKALVAMVEELMGSTEAKAVPCHAQGEQLVT  
 ALGGASWQSGIHLGPVEVKPEWIPQEGVQSLGPSTTEQLSQGPGDGTQAFQEALPILHVGPLPSVS  
 ARDQEMAAGFLAATSQGLGPFKDMTLGFPEEWRHVAPAQIDCFGEYVDSQDCGVLPGAGSKEKEAKPQQ  
 EDLKRAFVGLTSDGFGEADIQIPGGTCEQEPGSSGSLPGLPAPQHGVPPLPDTLNTHNSFWKPFQCP  
 CGKGF SRSSNLVRHQRTHEEEKSFGVCEGKGF TLREYLTKHQRTLHGKRPYVCGEWKTFSQRHHLVH  
 QRSHTGEKPYKSDCWKGF SRRQHLLVHRRTHTGEKPYTCECGKSF SRNANLAVHRRHTGEKPYGCQVC  
 GKRF SKGERLVRHQRIHTGEKPYHCPACGRSFRNQRSILNRHQKTQHRQEPVQ

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001081431

**ORF Size:** 1632 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001081431.2](#)

**RefSeq Size:** 1996 bp

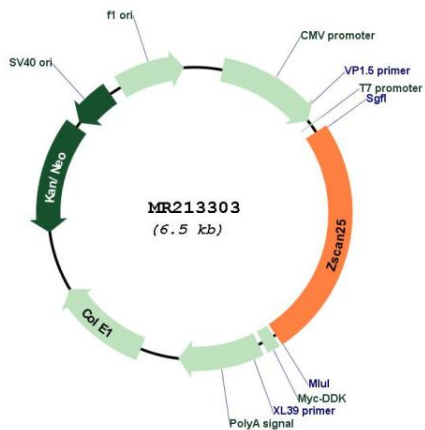
**RefSeq ORF:** 1632 bp

**Locus ID:** 666311

**Cytogenetics:** 5 G2

MW: 60.7 kDa

Product images:



Circular map for MR213303