

## Product datasheet for **RN205808**

### Zkscan1 (NM\_001025760) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan1 (NM_001025760) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan1
Synonyms:	MGC116363
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205808 representing NM\_001025760  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGACTGCTGAGTCAAGGGAAGCCACGGGTCTATCCCCACAGGCTGCACAGGAGAAAGATGGTATAG  
 TCATTGTGAAGGTAGAAGAAGAAGACGAGGAAGACCACATGTGGGGCAGGACGCTAGCCTTCAGGAGAC  
 GCCACCACCCGACCCAGAGGTGTTCCGCCAACGGTTCAGGCGCTTCTGTTACCAGAACACTTTTGGGCT  
 CGAGAAGCTCTAAATCGACTAAAGGAACTTGTTCATCAGTGGCTTCGACCAGAAGTCAACACCAAGGAAC  
 AGATCTTGGAGCTGTTGGTACTGGAGCAGTTCCTGTCCATCCTGCCAAAGAGCTGCAAGTGTGGCTGCA  
 GGAGTACCGGCCGACAGTGGAGAAGAGGCCGTGACTCTTCTGGAAGACTTGAACCTTGATCTGTCAGGA  
 CAGCAGGTCCCAGGTCAAGTTCATGGCCCTGAGATGCTTGCCAGGGGTGTGGTGCCTCTGGATCCAGTTC  
 AGGAGTCTCAAGCTTCGACCATCATGAAGCTGCCAGTCTCATTCAAGCATTCTGCTAGAAAGCCTCG  
 TCTCTTATCACCCGAGCTCTCCCTGCCACCCAGTTCCTGCCCTCAGCATGAGGGGAATCCCAGAGAC  
 CAGGCGATGGCATCTGCACTATTGACCCGAGATCCCAGGCAATGGTGAAGATCGAGGACATGGCCGTGT  
 CCCTCATCCTGGAGGAATGGGGATGTCAGAACCCTGGCTCGGAGGAATCTCAATAGGGACAGCAGGCAGAT  
 GAATTTGGGAAGTGTGTTTTCCAGGGTCTGAGAACAGGAATGGAAGTGAAGTCAACCTCAAAGCTGAA  
 GTCAAAGGAGATTCCACCTCACACGGGGAGATAGCAGGAAGATCCAGAAAAGAGTTTGGAGAGAAGCGGG  
 AACAGCAGGGCAGAGTAATTGAAAGGCAACAGAAAAATCCTGAAGAGAAAAGTGGCAAAGAGAAGAAAGC  
 CCCTGGGCCACCTACAGCCAAGGAAAAGGCCACCACAGGAGAGAGGGGCCAAAGGGAGAAGGGTAAA  
 GGTTTGGGAAGAAGCTTCAGCCTGAGTGCAAACTTTAATAACTCCCGAGGAGATCCATCAGGAGCAA  
 AGACTCATAGATGTGATGAGTGTGGGAAATGTTTCACAAGAAGCTCAAGCCTTATCCGCCATAAAATCAT  
 CCACACTGGAGAGAAACCCTACGAATGTAATGAGTGTGGGAAAGCCTTCAGTCTCAATTCAAACCTTGTC  
 CTACATCAGCAATCCACACAGGAGAGAAACCGCATGAATGTAACGAGTGTGGCAAAGCCTTCAGTCATA  
 GCTCGAATCTTATCCTGCACCAGCGCATCCACTCTGGAGAGAAGCCCTACGAATGTAATGAGTGTGGCAA  
 AGCCTTCAGCCAGAGCTCAGACCTCACGAAGCACCAGAGAATCCATACGGGGGAGAAGCCCTATGAATGT  
 AGTGAATGTGGAAAAGCTTTCAACCGAACTCATACCTTATTTTGCACCCGAGAAATTCATACCCGAGAAA  
 AGCCCTACAAGTGCCTAAGTGTGGCAAGGCCTCACCCGAAGCTCAACCCTCACACTGCACCATAGAAT  
 CCATGCCAGAGAAAGAGCATCAGAATACAGCCAGCCTCTCTGGATACCTTTGGAGCATTCTGAAAAGT  
 TGTGT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025760

**Insert Size:** 1689 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:** [NM\\_001025760.1](#), [NP\\_001020931.1](#)

**RefSeq Size:** 3168 bp

**RefSeq ORF:** 1689 bp

**Locus ID:** 498160

**UniProt ID:** [Q4KLI1](#)

**Cytogenetics:** 12q11

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]