

Product datasheet for **MC217465**

Zkscan14 (NM_023322) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan14 (NM_023322) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan14
Synonyms:	2310046C23Rik; 2810437E14Rik; Zfp99; Znf394
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217465 representing NM_023322
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAGGCTCTGGGTCGTCGCCACCTCTCGGTGCTGGGCTTTGTACGGTGAAGGTGGAGGAGG
 ACTCTCCGGGGAATCAGGAGTCCTCCGGTTCGGAGATTGGCAGAACCCGAAACTTCTCGAAAACAATT
 CAGGCAGTTGCGCTACCGAAGTGGCCGGCCCTGAGGAGGCGCTGAGCCGACTTTGGGAGCTCTGTCGG
 AGGTGGCTGAGGCCGAGCTGCTCTCAAGGAGCAGATCATGGAGCTGTTGGTGTGGAGCAATTCCTCA
 CCATCCTGCCAGGAGCTCCAGGCCTACGTGCGGGACCACAGCCCTGAAAGTGGGGAGGAGGCTGCGGC
 CTTGGCGGACTCTGCAAAGAGCACTGGATCGGGCTCTCCGAGGGTTTTATGACCTCAAGGATGTG
 GCTGAATCTCTGACCTGGGAAGAGTGGGAACAGCTGGCTGCAGCTCGGAAAGTTTCTGTGAAGAGAGCA
 CAAAGGACGCTGGGAGCACAGTTGTGCCTGGCTTGGAAACACGAAGTGTGAACACAGATGTATTCTAAA
 GCAGGAAATTTAAAGGAGCAGAGCCACAGGCATGGCTACAAGAAGTATCCAGGGAATGGTCCCAGCA
 CTTACCAAATGTGGTGACCCCTCTGAGGACTGGGAAGAAAAGCTGCCAAAAGCTGCTGTACTGCTGCAGC
 TCCAGGGTTCTGAAGAGCAAGGACGCACTGCCATCCCGCTTCTCATCGGTGTGTCCAGAGAGGAAAGGGA
 CTCTAAAAACAATGAGTCTGAGAACAGTGGCAGTTCTGTCTTGGTCAGCACATCCAGACAGCAGAAGGA
 CTGGGCACCAACAGTCAGTGTGGGGATGACCACAAACAAGGTTTCCATGTGAAATGCCATTCAAGTGAAGC
 CCCACAGCTCTGTGGACAGTGTGTAGGGCTTCTTGAGACCCAGAGGCAGTTCAGGAAGACAAACCTTA
 CAAATGTGATAGCTGTGAGAAGGGCTTCAGACAGCGCTCGGACCTTTCAAACACCAGAGAATCCACACA
 GGTGAGAAGCCCTATCAGTGCCAAGAGTGTGGGAAACGCTTTAGTCAGAGCGCTGCCCTCGTTAAGCACC
 AGCGGACACACAGGTGAGAAGCCATATGCATGCCAGAATGCCGGGAGTGTTCAGGAGAGCTCATCA
 TCTGAGTCGGCATCAGAGAACCCATGCCAGTGAGAAGTACTATAAATGTGAGGAGTGTGGGGAGATCGTT
 CATGTTTCCAGCCTGTTGAGACATCAGAGACTACACAGAGGGGAGAGACCATAACAAGTGTGGAGACTGTG
 AGAAGAGCTTCAGACAGCGCTCAGACCTTCAAGCACCAGAGAACCACACAGGAGAGAAGCCCTATGC
 GTGTGTCGCTGCGGGAGAAGATTCAAGTGTGGTGAAGATTTAGACAGAGTACACACCTTGTCCGACACCAA
 GAAAACCGTATAAATGTTTTCAATGTGGTGAAGATTTAGACAGAGTACACACCTTGTCCGACACCAA
 GAATCCATCAAATTCAGTCTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_023322

Insert Size: 1566 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_023322.2](#), [NP_075811.2](#)

RefSeq Size: 1992 bp

RefSeq ORF: 1566 bp

Locus ID: 67235

UniProt ID: [Q9Z1D9](#)

Cytogenetics: 5 G2

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