

Product datasheet for **MC200947**

Zscan21 (NM_001044705) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan21 (NM_001044705) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zscan21
Synonyms:	AI326272; CTfin51; RU49; Zfp-38; Zfp38; Zipro1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC010591 sequence for NM_001044705
 ATTCCAGACTCCAAAGCGGTTCTGAGTCACGGTTTGAAGAGTGGCACTTTAAGAACCAGAAACCCAAAGG
 TACCAGGTCTACTCTAAAAGTCTGCTGGCTCGGGAATCTGTGATGACTAAGGTGGTGGGCATGGCCAC
 AGTTCTGGGCCCCAGGCCACCTCAGGAATCTATGGGACCTTCGCCATTAAGTAGAAGAGGATGAAGAG
 AAAGACAAGTGTGCCCTACCCTAGAGCTATCCATAAGCACTTCAGACAGTCTGGGAACCAAGATACCC
 TTGAGCCAATGGGTCCTTCGACCATTAAGCTGAAGAGGATGAAAGCAAAGACAAGTCCCGCCCTAACCT
 AGAGATATCCCGTAAGAGCTTCAAGCAGTTCGGGTACCAAGACACTCTTGAGCAGTTGGGACCTTCGACC
 ATTAAGCTGAAGAGGATGATGAGAAGGATAAGGGCCACCCTAGCCCAGAGATATCTCGACAGCGCTTCA
 GGCAATTTGGGTACCATGACACTCTGGGCCCCGAGAGGCACTGAGCCAGCTTCGGGTGCTCTGCTGTGA
 GTGGCTACAGCCCAGATCCACACCAAAGAGCAGATTCTAGAGCTACTGGTTCTGGAGCAGTTCTGACC
 ATCCTGCCCGAGAGCTCCAGACCTGGGTACAGCAGCACTGCCCTGAAAGTGCAGAGGAGGCCGTCCTC
 TCCTGGAAGACCTGGAGCAAGAATTGATGAGCCAGGACTGCAGGTCTCATCTCTCCAAATGAACAGAA
 GCAGTCTGGGAGAAAATGCAACTTCAGGAACGGCAATGGAGTCTTAAGCAGTACTGAGACCCAACAT
 GTGGATGCCAGCCCTAAATATGAGTTTTGGGGCCCTGTACATCCAAGAGACTGGTGGAGGAGGTTTT
 TTAAGTCTGAGGATCCAAGAAAGCGCAAGGTTTTAAATCGAATCCCAGAAGGAGGACTCAGCAGATGAGCA
 CAGAAGTTCTGAAGAAGAGTCTCATGCAGACGGACTCAAAAGAACCGTCAATCCCATGATTCCTGCCAAT
 AAGTATGGGTCACGGTCAGAAAGCAGTGGGCCAACAACTGGAGAGGGAGAGGGACAAAAGCCTCTC
 TTCAAGACACAGGTTCCAGGAAAGGGGCAGAGCCAGCGTCTACTAGGCCTGCCCCAGGAGAGAAACGTTA
 CATATGTGCAGAGTGTGGGAAGGCCTTTAGCAATAGCTCAAACCTCACTAAGCACCGGAGAACACACT
 GGGGAGAAGCCTTATGTGTGTACAAAGTGTGGGAAGGCTTCAGCCACAGCTCCAACCTTACCCTTATT
 ACCGAACCTCACCTGGTGGACCGGCCCTATGACTGTAAGTGTGGGAAAGCCTTTGGGCAGAGCTCAGACCT
 CCTTAAACATCAAAGGATGCACACGGAAGAGGCCCTATCAGTGTAAAGACTGTGGGAAAGCCTTTAGT
 GGAAGGGCAGCCTCATTGCACTATCGCATCCACACAGGGGAGAAGCCCTATCAGTGTAAATGAGTGTG
 GAAAGAGTTTTAGTCAGCATGCAGGTCTCAGTTCTCATCAGCGTCTGCATACAGGGGAGAAACCTATAA
 GTGTAAGGAGTGTGGCAAAGCCTTCAACCATAGTTCAAATTTAATAAGCATCATAGAATCCATACTGGC
 GAAAAGCCCTATTGGTGTAGCCACTGTGGGAAAACCTTCTGTAGCAAGTCCAATCTGTCCAAGCATCAGA
 GAGTTCACACTGGAGAGGGAGAAGTCCAGTAACGGTCCATTCTCGTCTGTTGTTCTCGTTGTAAACGTTA
 GAATGCGAATGCTAGGAAGAAGCTCTGTAATGCATTTGATGTTTGTATAGTGGTTTTGCTGTAGTCATCA
 AGGGTGCCTTGGAGGGAGAGCTACACAGTATAGAGCAGACAGGAGGTTTACAGAGGAGCAGGGAGCTCC
 ACACACTCCAGGCCCCAGTGTACTGTGTGCCAGTATAGTTAAGGAAGAAACATTAATAATGTTAACTG
 TTTTAACATGTATCCCACAGTTGTAGTTTGTAAAGAATTGAGCCACCTTGAACAGTCTGATTCAGAATAA
 ACGTATAGCATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001044705

Insert Size: 1668 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: [BC010591](#), [AAH10591](#)

RefSeq Size: 2141 bp

RefSeq ORF: 1668 bp

Locus ID: 22697

UniProt ID: [Q07231](#)

Cytogenetics: 5 76.96 cM

Gene Summary: Strong transcriptional activator. Associated with meiosis in both male and female gametogenesis. May have different functions in somatic cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1,2,3 and 4 encode the same protein.