

Product datasheet for **MC219717**

Zscan2 (NM_009553) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan2 (NM_009553) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zscan2
Synonyms:	Zfp-29; Zfp29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219717 representing NM_009553
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCGAAGTGCCAGCAGTGAGCACTCCCCTCAGCCCTTTGGTTCAAGTACCTCAAGAAGAAGATG
 AACAGGCAGAGGTCACCACTATGATCCTGGAGGATGACGCGTGGGTGCAGGAAGCAGTGCCTGCAGGAGGA
 TGGCCCTGAGTCTGAGCCCTTTCCCAAGAGTGCTGGAAGAGCAGCCCCAGGAGGAGGACGCAGCCGAG
 GGACCCAGGGTCTCTGTCCGATTTCCGGAGCTCTGTCCGGCTGGCTGAGGCCAGAGGTGCACACTA
 AGGAGCAGATGCTAACTGTGCTGCCAAGAGAAATTCAGGCCTGGCTGCAAGAACATCGGCCTGAGAGCAG
 TGAGGAGGCAGTGCCCTGGTGGAAAGACCTGACCCAGACTTTCCGGCACAGTGATTTTGAGATACAGAGC
 GAGAATGGGGAGAAGTCAAATGAAGACATGTTGAGGGTGTGGAGTACATGGGATGTTCTTGAACATCT
 CTGGAGGGGAAGGTGGTCAAGCAGTCTGATGGGGACAGTACTTTGAGAGAGACTGTGGCTCTGGAGGCC
 CCAGGGACATGCCCGGGTGAGGACCCAGGGTCGTGCCATCGGAAGGAAGGGAAAGTTGGCCAGCTAATA
 GGCCCTTACAGGCACCTACCTGGGTGAGAAGCCGTATGAATGTCCCAAGTGTGGAAAACCTTTAGCCGGA
 AATCCACCTTATCACCCATGAGCGGACCCACACAGGAGAAAAATACTACAAATGTGATGAATGTGGAA
 GAGCTTTAGTGACGGCTCGAACTTTAGTAGACACCAAACGACTCACACTGGAGAGAAGCCCTACAATGC
 AGGGACTGCGGGAAGAGCTTTAGCCGGAGTGCGAACCTTATCACGCACCAGAGGATCCACACCGGCGAGA
 AGCCTTTCCAGTGTGCCGAGTGTGGCAAGAGTTTCAGCAGGAGCCCCAACCTCATCGCCATCAGCGCAC
 GCACACAGGGGAAAAGCCGACTCGTGCCCGAGTGTGGCAAGAGCTTTGGCAACCGGTCCAGCCTTAAT
 ACTCACCAGGGCATTACACCGGAGAAAAACCTACCGGTGCAAGGAATGCGGCGAAAGCTTCAGTTACA
 ACTCCAACCTGATCCGACACCAGAGAATCCACACGGGAGAGAAACCATACAAATGCACCGAGTGGGCCA
 GAAGTTACGCCAGAGCTCCGCGCTCATTACGCACCGGAGAACGCACACCGGGGAGAAGCCCTATCAGTGC
 GGCGAGTGGCGAAGAAGCTTACGCCGAGCTCCAACTGGCCACTCACCGGCGACCCACCTGGTGGAGA
 AGCCGTACAAGTGGGGCTGTGCGGCAAGAGCTTACGCCAGAGCTCCAGCCTGATCGCGCACCAGGGCAC
 GCACACCGGCGAGAAGCCCTACGAGTGCCTCACGTGCGGCGAGAGCTTACAGTGGAGCTCCAACCTCATC
 AAGCACCAGCGGACGCACACCGGCGAGAAGCCCTACAGATGCGGCGACTGTGGAAAGGGCTTACGCCAGC
 GCTCGCAGCTCGTGGTGCACCAGCGGACGCACACCGGCGAGAAGCCCTACAAGTGCCTCATGTGTGGCAA
 GAGCTTACGCCGGGGCTCCATTCTGGTATGCACCAGCGAGCGCACTTGGGAGACAAGCCTTACAGGTGC
 CCGGAGTGGGGAAGGGCTTACAGTGGAACTCCGTTCTCATCATCCACCAGCGCATCCACACGGGAGAGA
 AGCCCTACAGATGCCCGGAGTGGCGAAAGGCTTACAGCAACAGCTCCAACCTTATCACACACCAGAGGAC
 GCACCTGAAAGAGAAGCTTTACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_009553

Insert Size: 1845 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_009553.2](#), [NP_033579.1](#)

RefSeq Size: 2302 bp

RefSeq ORF: 1845 bp

Locus ID: 22691

UniProt ID: [Q07230](#)

Cytogenetics: 7 45.71 cM

Gene Summary: May be involved in transcriptional regulation during the post-meiotic stages of spermatogenesis.[UniProtKB/Swiss-Prot Function]