

Product datasheet for **MC216360**

Zscan5b (NM_133204) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan5b (NM_133204) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zscan5b
Synonyms:	Zfg1; Zfp371
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216360 representing NM_133204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACGAATGTGCCCCAGATAGCCCTGTGAGGTCAGGGCAATCAGTATCACTGATATCCCAGGTAA
 AACATGGAGAAAAGGCAAACTACAACCCCGAGTTTTGGCACGTGAAGTTCGAGGTTTCAGTCCCTCTGA
 AGGGTCCAAGTGGATCCAGGACCTGAGGAGCATCTCTGAGCTCTGCTATCAGTGGCTGAGGCCGGACCTG
 AACAGCAAGGAGGAGATCCTAGATCAGCTGGTGTGGAGCAGTTCCTAATTTGCATGCCACCAGAGCAGC
 AGGCCTTAGTGAAGGAGAGCGGAGTGAAGAGCTGCAAAGACCTGGAAAAGCTGCTGAGGGACAGGAAACG
 CCACAAGTGGTCCATAATCTACTCCAAGGACAGGCACACCTCCTTCGGCATCCCAGCGTTGGGAAGGCT
 GAAGCCGACAGAGGATAAATGGGGACATACGGACTTCTCCAGGAGCACCTATCAAATGAGAGCGAGGAGT
 CTCTCAATAGAGGCCAGGCCAGCCGGGAGCTACAGAACCTCTCTGAGACCGAAGGCCATCCACCAGCCA
 GGAAGAGGGCATTGCTGGGAGTGATTCTGAGAGGAGACAGCCAGACTACCTGAGACCTGAGATGAGC
 CCAGGGAGTGACTCAGTTCCTGACTTGAAGAGGCAGAGGCATCTGTGTTTGTGGTTCAGGACCCTCTTC
 CAGCCCTGGGTCCCGCTGGTCTCTTGGAGTAAAGGGTGCCTGTCAGCCCAAGAAGACACTGTTGTGGA
 TGCTGTACCATCGTTCACCCATATTCTGGAAAAGAGATCTAGCCTTGAACAGAGATCTTCAGAGTCTTTCT
 GGTTTCAACTTACCCACTTCCCAAGGAGTGGCGTCCTATATGGGCAATACAGAAGATGGGCTAGAGGCTG
 CTAATCCCAGGCTGCTAACCCACAGCCTGAGAAGCAAGTTGACAGTCTTGTGGCCAGGCTCGGTTTCA
 GTGTACTGAATGCAAGAAGAGCTTTCTTACAAGTCCCGTTTGACCTCCACCAGAGGTCACACACAGGA
 GAGAGACCCTTCAAGTGCATCTTGTGCAACAAGGCCTTTGTTGAGTCTCCGACCTGAGAGTCCACCAGC
 GTGTCCACACAGGGGAGAAGCCTTACATGTGTGAAGTCTGTGGGATGGAGTTTGCCCATGGGTCCACCCT
 GCAGGGCCACAGTTCGAGTCCACACGAAGGAGAAGCCTTTGTGTGTAAGGATTGTGGGCAACGCTTCTGC
 CACAAGGGCAACCTCAATGTCCATTTCCGCATCCATTGCAACTTGAACCTATGTCTGTGAAGAAGTGTA
 ACAAGACTTTCCGACAGCAGGGGACTTGAAGCGACACATGAAAACCCACCTGAGAAAGAAAAGGTGTC
 TGAGTAA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133204

Insert Size: 1407 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_133204.2, NP_573467.2
RefSeq Size: 1969 bp
RefSeq ORF: 1407 bp
Locus ID: 170734
Cytogenetics: 7 A1