

Product datasheet for **MC229017**

Zscan29 (NM_001290819) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan29 (NM_001290819) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zscan29
Synonyms:	AW125441; Zfp690
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC229017 representing NM_001290819
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAACCCACTCGGAGAGGAAATGGCACAAGCTCTGAAAGCTTACGACAGCGCTTCAGAAGATTCC
 ATTACCGAGAGGTGGCTGGGCCCCGGGAGGCTTTAGCCAACTATGGAACTTTGCTGTGGTGGCTAAG
 GCCGGAGGTGCGGACCAAGGAGCAGATTGTAGAATTGTTGGTGTAGAGCAATTCCTGACTGTGCTACCT
 GTGGAGATCCAGAACTGGGTACAGAAGCAATGTCCAGAAAATGGAGAGGAGGCGGTGACACTGGTGAAG
 ATTTAGAAAGAGAGTCTGGAAGACCTGGACATTCGGTCACAGTCTCTGTGAAGGGCAGGAAATGCACTC
 GGAGAAGATGACACCCCTGAAATCATCACAGGAGTTATTAAGTGTCTGCAGGAGTCAGTGAACCCAG
 CCCAAGGGTGTATCCAAGAAAGAGAGGGCAAGAAGGCCAGCCCTGAGACTACAGGAGCAGATGAACCCAA
 AGGAGAATCTCAGACCTTTCAAAGGAGCGGATTTCCATTTCTAAACCAATGTGGTGTCCAGGTTGGA
 TCAAGGAGAGCCATGGATCTCAGATCTGCTTAGCTCCAAGGAGAAGGATGTCCAAAAGGCAACACAGGA
 ACCAGTCTATTACCATCCAAGAGAGAGAGAACCTGCTGGGTGGAACAGGGTCACTGGGTATTTGATGATG
 AGAAGGTGGTGGGTGTGCACTGGGGCTACAAAGAGACTAGAACACTCCTTGCAATTCTCAGTCAGACTGA
 ATTTTACGAAGCGCTCCGAACTGTACAGGAACAGCCAAGTGTATGGGGCTGTAGCTGGGAGGCTTCGT
 GAATATGGTTTCTCCGACTCTGGAACAGTGTGCGGACCAAGTTCAAAGGCCCTCAGAAGAGCTACAGGA
 AGGTCAAGAGTGGTCATCCACCCGACACCTGCCCTTCTTTGAAGAGATGGAAGCCCTGATGAGTGCCCA
 GGTCATTTTCATGCCCATTAAATGGCCTGGAAGAGGCAGCCTCCCATTCGCCAGGCAGGCAGTGATGCT
 GAGACGGAGAAGCCAGGGCAGAGGGACTGGCAGCATGAAGATGGAGAGGAGGCTATAGCTGAAAGGTCAG
 ACAGTGATGACCCGGAGGCAACCCCGAGGACCTGACAACCCACCTGCACCTGTCTGTCCGAAGCCC
 AAGTGGGTACACTGGGGCTATGAAGAAACCAAGACTTACCTTGCAATTCTCAGTGAGACTCAGTTCTAC
 GAAGCCCTCCAAAAGTGTACCCGCAACAGCCAGTTATATGGAACAGTTGCTGAGAGACTGTGGGAATATG
 GCTTCCTTAGAACCCAGAGCAATGTCGTACCAAAATTTAAAGCCTACAAACCAGCTATCGGAAAGTCAA
 GAATGGCCAAGCACTAGAAACCTGCCCTTCTTTGAAGAAATGGATGCTTTAGTGAGTGCCCAAGTTGCT
 GCCCCACCTAGTGATGACCAGGAGAAAGAACAGTTTCTTGTGCCTCCAGAGAACAGTGAGGCTGAAC
 CTGAGAAGCAAGATGAGGACACAGAAGAAGATTCAGATGATGAAGATGATACTGAAATACCTCCAGAGGC
 TGTATAACCCGTGCCCCAGTCTTATTCAGAGCCCCAGTGGTTTCGAGGCTGGATTTGAAATGAAGAA
 AATTCAAACCGGATATTTCTGAGGAAGTACAGCTGCATAGAACATTACTTGCAAGGTCTGAAAGGAAAA
 TTTCCCATCATGTTAATCAAAGTAAAGCGAGTAAGAATAAATGCTCATCAGAAAGCCAGTGGGAAAAGAC
 TCAAAGAGAGGAACAAAGACAACCTAGCATTCCCAGAGAAGAATATAGGTAAGTCCCTGACCTATCAGAGG
 CCAGGCTTGGAAGACAGACCTTATAAATATGTCAAGTATGGCAAAAGCTCTGTTTCAAACCTCCATCTCA
 GGTATCCGGTCTCCCATGAGGTAGAGAACCCATATAAATGTGCTGACTGTGGGAAAAGCTTCAGTCGGAG
 TGCACGCCCTCATCAGACACCAAGAATCCACACCGGAGAAAAACCGTATAAGTGTCTTACTGTGGGAAA
 GGTTTCCGTGACAGTTCCAATTTTATTACCCATCGGAGAATCCACACAGGAGAAAAACCGTATCAGTGTG
 ATGAATGTGGAACCGCTTCAACCAGAGCTCAAGCCTTATAATTCACCAGAGAACCCACACAGGAGAAAA
 GCCTTATCAGTGTGAAGAGTGTGGGAAAAGCTTCAATAACAGTTCTCATTTCATGCACACAGGAGGATA
 CACACAGGAGAGAGACCCATGTGTGCTGACTGTGGTAAGAGTTTATAGTAAGAGTTCTGACTTGCATG
 CACATCACAGAACCCACACAGGAAAGAAACCTTATGGGTGCCATGACTGTGGCAAGTGCTTCAGTAAGAG
 CTCTGCCCTTAGTAAACCCGAGAGACTCACTCGAGAAAAGCTGCTGTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290819

Insert Size: 2505 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001290819.1, NP_001277748.1</u>
RefSeq Size:	5941 bp
RefSeq ORF:	2505 bp
Locus ID:	99334
Cytogenetics:	2 E5