

## Product datasheet for MC227402

### Zscan22 (NM\_001290440) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zscan22 (NM\_001290440) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zscan22  
**Synonyms:** AW227621; D530006B18Rik; Hkr2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227402 representing NM\_001290440  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGTGTGCGTCACCAGGACGCCTTTGGAAGTGTCCGCTGGGAGTTCTGGAGACCCGGATGGGAGCCAG  
 GAGTGGAAAGTGAAGAGGCAAGTTGCAAACAGAGCAATACAGATGAATTGGAGCCACCAAAATGGCGAC  
 TGAAGTGTGTCATGGGAAGCGTTTTGCCAAAATCTACCCTTGCCACACTTGTAACCTGAGAGCCACTCA  
 GAGAGCCAGCCAGAATTCCTAGGAGCACTCTGGATGAAGTCTACTGCCCAAGAGATGGATTCAGAAAAG  
 CTCTGGGGCCTCACATGGATGCCCCAAAGACCAGCCTGGCCATGAGTCTAACACCTCAGGAAACGGTTC  
 CAACATGTGGCCCAACTCCCTTCCAAGACAAGGCTTCTCAGAGGAGAAAATTTGGCCATTACTTGAT  
 AATGAGACAGTGCCTCCAGATACTTGCTCAGAGAAGAAAATCCTCCAAGGATAGTGAATGTTTGAAAACAT  
 TCCAGAACTTCAGCTCTGGAGGCCACCAGAAGAGCCACTCTCAGAAGACGCCCTATGCCTGTACTGA  
 GTGTGGGAAGGTATTCAGTCGGAGCACCCACCTTGCCAAACACAGGTTGTTACACAGGAGCAAAGCCC  
 CATGCGTGTAAAGAGTGTGGTAAAGCCTTCAGTCGCGTTGCCACCTGACACAGCACCTGAGGATTCATA  
 CTGGGGAGAAGCCTTATAAATGTGAGGAATGTGGTAAAACCTTGCCAGCAGCACCCACCTCAGCAGCA  
 CCAGCGAGTACACACAGGCGAGCGCCCTACGAGTGTGATACCTTGCGGCAAGCCTTCAGCCAGAGCACC  
 CACCTGACACAGCACCAGCGCATCCACACCGGGGAGAAGCCCTACAGGTGTGATGTGTGTGGAAAAGCCT  
 TCAGTGACTGTTGAGCTCTGGTCCGGCACCTGAGAGTCCACTCTGGAGAGAAGCCTTATCAATGTAAGGA  
 CTGCCGAAGGCCTTCGCACAAAGCTCCTCCCTCATTGAGCACCAGCGCACTCACACAGGTGAAAAGCCT  
 TATAAATGCAGTGACTGTGGAAAAGCTTTAGCCGCGAGCTCAGCTCTCATGGTGCACCTAAAGATCCATA  
 TCACCGTGACTCGAAGCACCCCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001290440
<b>Insert Size:</b>	1146 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001290440.1</a></u> , <u><a href="#">NP_001277369.1</a></u>
<b>RefSeq Size:</b>	2919 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	232878
<b>Cytogenetics:</b>	7 A1