

## Product datasheet for **MC227108**

### Zscan22 (NM\_001290441) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zscan22 (NM\_001290441) 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:** >MC227108 representing NM\_001290441  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGACTGAACTGTCATGGGAAGCGTTTTGCCAAAATCTACCCTTGCCCACTTGTAAACCTGAGA  
GCCACTCAGAGAGCCAGCCAGAATTCCTAGGAGCACTCTGGATGAAGTCTACTGCCCAAGAGATGGATTT  
CAGAAAAGCTCTGGGCCTCACATGGATGCCCCAAAGACCAGCCTGGCCATGAGTCTAACACCTCAGGA  
AACGGTCCAACATGTGGCCCACTTCCTTCCCAAGACAAGGCTTCTCAGAGGAGAAATTTGGCCAT  
TACTTGATAATGAGACAGTGCCTCCAGATACTTGCTCAGAGAAGAAATCCTCAAGGATAGTGAATGTTT  
GAAAACATTCCAGAACACTTCAGCTCTGGAGGCCACCAGAAGAGCCACTCTCAGAAGACGCCCTATGCC  
TGTAAGTGTGGGAAGGTATTCAGTCGGAGCACCCACCTTGTCACACACCAGGTTGTTTACACAGGAG  
CAAAGCCCATGCGTGTAAAGAGTGTGGTAAAGCCTTCAGTCGCGTTGCCACCTGACACAGCACCTGAG  
GATTCATACTGGGAGAAGCCTTATAAATGTGAGGAATGTGGTAAACCTTCAGCCGACGACCCACCTC  
ACGCAGCACAGCGAGTACACACAGGCGAGCGCCCTACGAGTGTGATACTTGCGGCAAAGCCTTCAGCC  
AGAGCACCCACTGACACAGCACAGCGCATCCACACCGGGGAGAAGCCCTACAGGTGTGATGTGTGG  
GAAAGCCTTCAGTGACTGTTAGCTCTGGTCCGACCTGAGAGTCCACTCTGGAGAGAAGCCTTATCAA  
TGTAAGGACTGCCGAAGGCCTTCGCACAAAGCTCCTCCCTCATTGAGCACAGCGCACTCACACAGGTG  
AAAAGCCTTATAAATGCAGTGACTGTGGAAAGCTTTAGCCGACGCTCAGCTCTCATGGTGCACCTAAA  
GATCCATATCACCGTGACTCGAAGCACCCCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001290441



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<b>Insert Size:</b>	1014 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_001290441.1</a></u> , <u><a href="#">NP_001277370.1</a></u>
<b>RefSeq Size:</b>	2985 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	232878
<b>Cytogenetics:</b>	7 A1