

Product datasheet for **MC228024**

Zscan22 (NM_001290436) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan22 (NM_001290436) 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



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Fully Sequenced ORF: >MC228024 representing NM_001290436
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCATCCCCAAGAGCCCTCTGAGCCAGTACTCTGGGAACAGGATAGCTTCCTTCAGGTGAAGGTGA
 AAGAGGAGGAAGAAGCTAGCGACTCCCCGAGCCAGGAATCCAGCCCTAGCTTTACTGCCACCCTGAGGC
 TGCACGATTGCGCTTCAGGCACTTCGCTATGAGGAGGCATCCAGCCCTCATCAGGCGCTAGCCCAACTG
 CGAGAGCTATGTTGCCAGTGGCTGAGGCCAGAGTCGTCCTCAAAGAACAGATGCTGGAGTTGCTGGTGC
 TGGAGCAGTTCTGGGTGCGCTGCCCTGAGATCCAGGCCTGGTGGTCTCAGTGCCCAAAGAGTGG
 AAAGGAGGCTGCCGTTCTGGTGGAGGATATGACTCAACTGCTGGACAGGAGAGGATGGGAGCCAGGAGTG
 GAACGTGAAGAGGCAAGTTGCAAACAGAGCAATACAGATGAATTGGAGCCACCAAAAATGGCGACTGAAA
 CTGTCATGGGAAGCGTTTTGCCAAAATCTACCCTTGCCACACTTGTAACCTGAGAGCCACTCAGAGAG
 CCAGCCAGAATTCCTAGGAGCACTCTGGATGAAGTCTACTGCCCAAGAGATGGATTTAGAAAAGCTCTG
 GGGCCTCATATGGATGCCCCAAAGACCAGCCTGGCCATGAGTCTAACACCTCAGGAAACGGTTCCAACA
 TGTGGCCCAACTCCCTCCCAAGACAAGGCTTCTCAGAGGAGAAATTTGGCCATTACTTGATAATGA
 GACAGTGCCTCCAGATACTTGCTCAGAGAAGAAATCCTCCAAGGATAGTGAATGTTTGA AAAACATCCAG
 AACACTTCAGCTCTGGAGGCCACCAGAAGAGCCACTCTCAGAAGACGCCCTATGCCTGTACTGAGTGTG
 GGAAGGTATTTCAGTCGGAGCACCCACCTTGTCCAACACCAGGTTGTTACACAGGAGCAAAGCCCATGC
 GTGTAAGAGTGTGGTAAAGCCTTCAGTCGCGTTGCCACCTGACACAGCACCTGAGGATTCATACTGGG
 GAGAAGCCTTATAATGTGAGGAATGTGGTAAAACCTTCAGCCGACGACCCACCTCAGCAGCACCCAGC
 GAGTACACACAGGCGAGCGGCCCTACGAGTGTGATACTTGGGCAAAGCCTTCAGCCAGAGCACCCACCT
 GACACAGCACAGCGCATCCACACCGGGAGAAGCCCTACAGGTGTGATGTGTGTGGGAAAAGCCTTCAGT
 GACTGTTTCAGCTCTGGTCCGGCACCTGAGAGTCCACTCTGGAGAGAAGCCTTATCAATGTAAAGACTGCC
 CGAAGGCCTTCGCACAAAGCTCCTCCCTCATTGAGCACAGCGCACTCACACAGGTGAAAAGCCTTATAA
 ATGCAAGTACTGTGGAAAGCTTTAGCCGAGCTCAGCTCTCATGGTGCACCTAAAGATCCATATCACC
 GTGACTCGAAGCACCCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001290436
- Insert Size:** 1491 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.

RefSeq: [NM_001290436.1](#), [NP_001277365.1](#)

RefSeq Size: 3507 bp

RefSeq ORF: 1491 bp

Locus ID: 232878

Cytogenetics: 7 A1