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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCATCCCCAAGAGCCCTCTGAGCCCAGTACTCTGGGAACAGGATAGCTTCCTTCAGGTGAAGGTGA
AAGAGGAGGAAGAAGCTAGCGACTCCCCGAGCCAGGAATCCAGCCCTAGCTTTACTGCCCACCCTGAGGC
TGCACGATTGCGCTTCAGGCACTTCCGCTATGAGGAGGCATCCAGCCCTCATCAGGCGCTAGCCCAACTG
CGAGAGCTATGTTGCCAGTGGCTGAGGCCAGAGTCGTCCTCCAAAGAACAGATGCTGGAGTTGCTGGTGC
TGGAGCAGTTCCTGGGTGCGCTGCCCCCTGAGATCCAGGCCTGGGTGGGTGCTCAGTGCCCAAAGAGTGG
AAAGGAGGCTGCCGTTCTGGTGGAGGATATGACTCAACTGCTGGACAGGAGAGGATGGGAGCCAGGAGTG
GAACGTGAAGAGGCAAGTTGCAAACAGAGCAATACAGATGAATTGGAGCCACCAAAAATGGCGACTGAAA
CTGTCATGGGAAGCGTTTTGCCAAAATCTACCCTTGCCCACACTTGTAAACCTGAGAGCCACTCAGAGAG
CCAGCCAGAATTCCTAGGAGCACTCTGGATGAAGTCTACTGCCCAAGAGATGGATTTCAGAAAAGCTCTG
GGGCCTCACATGGATGCCCCCAAAGACCAGCCTGGCCATGAGTCTAACACCTCAGGAAACGGTTCCAACA
TGTGGCCCAACTTCCCTTCCCAAGACAAGGCTTCTTCAGAGGAGAAATTTGGCCCATTACTTGATAATGA
GACAGTGCCTCCAGATACTTGCTCAGAGAAGAAATCCTCCAAGGATAGTGAATGTTTGAAAACATTCCAG
AACACTTCAGCTCTGGAGGCCCACCAGAAGAGCCACTCTCAGAAGACGCCCTATGCCTGTACTGAGTGTG
GGAAGGTATTCAGTCGGAGCACCCACCTTGTCCAACACCAGGTTGTTCACACAGGAGCAAAGCCCCATGC
GTGTAAAGAGTGTGGTAAAGCCTTCAGTCGCGTTGCCCACCTGACACAGCACCTGAGGATTCATACTGGG
GAGAAGCCTTATAAATGTGAGGAATGTGGTAAAACCTTCAGCCGCAGCACCCACCTCACGCAGCACCAGC
GAGTACACACAGGCGAGCGGCCCTACGAGTGTGATACTTGCGGCAAAGCCTTCAGCCAGAGCACCCACCT
GACACAGCACCAGCGCATCCACACCGGGGAGAAGCCCTACAGGTGTGATGTGTGTGGGAAAGCCTTCAGT
GACTGTTCAGCTCTGGTCCGGCACCTGAGAGTCCACTCTGGAGAGAAGCCTTATCAATGTAAGGACTGCC
CGAAGGCCTTCGCACAAAGCTCCTCCCTCATTGAGCACCAGCGCACTCACACAGGTGAAAAGCCTTATAA
ATGCAGTGACTGTGGGAAAGCTTTTAGCCGCAGCTCAGCTCTCATGGTGCACCTAAAGATCCATATCACC
GTGACTCGAAGCACCCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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).

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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

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