

Product datasheet for **RN215516**

Zscan21 (NM_001012021) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan21 (NM_001012021) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zscan21
Synonyms:	Zipro1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215516 representing NM_001012021
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCAAGTGGTGGGCATGGCCACAGTTCTGGCCCCAGGCCACCTCAGGAGTCTATGGACCTTCGC
CCATTAAGTTGAAGAGGATGAAGAAAAAGACAAGTGCCGCCCTAGCCTAGAGCTATCCCGAAAGCGCTT
CAGGCAGTCTAGAAACAGGACACTCTTGGCCAAATGGGACCTTCAACCTTAAAGCTGAAGAGGAGGAA
GACAAGGACAAGGGCCACCCTAGCCTAGAGCTATCCCGTAAGAGCTTCAAGCAGTTTGGGTACCATGACA
CTTTGGAACAGTTGGGACCTTCGACTGTTAAAGCTGAAGAGGATGAAGAGAAGGACAAGGGCCGCCCTAG
CCTAGAGATATCCCGTCAGCGCTTCAGGCAGTTTGGGTACCATGACACTCCTGGGCCCGAGAGGCACTG
AGCCAGCTTCGGGTGCTCTGCTGTGAGTGGCTACAGCCTGAGATCCACCAAGGAGCAGATTCTAGAGC
TACTGGTTCTGGAGCAGTTCCTGACCATCTGCCCGAGAGCTCCAGGCCTGGGTACAGCAGCACTGCC
TGAGAGTGCAGAGGAGGCCGTCACTCTCCTGGAAGACCTGGAGCAAGAAGTGGATGAGCCTGGACTGCAG
GTCTCATCTCAAATGAACAGAAGCAGTCTTGGGAGAAAAATCAACTTCAGGAAGTGAATGGAGTCTCT
TAAGCAGCACTGAGACCCAGCCTGTGGATGCCAGCCCTAAATATGAGTTTTGGGGGCCCTGTACATCCA
AGAGACTGGTGAAGAGGAGGTTTTCACTCAGGACCCAAGAAAGCGCCAAGGTTTTAAATTGAATCCGCAG
AAGGAGGACTCAGCAGATGAGCAGAGAAGTTCTGAAGAAGAGTCTCATGCAGGTGGACTCAAAGAAACA
TCATGCCCATGATCACTGCCAATAAGTATGGATCGAGGTGAGAAAGGCAGTGGGCCAACCACTGGAAAG
GGAGAGAGGGGCAAAAGCCTCTCTTCAAGACACGGGATCCAGGAAAGGGGAGAACAGCGTCTGCTAGG
CCTGCTCCAGGAGAGAAACGTTACATATGTGCAGAGTGTGGGAAGGCCTTAGCAATAGCTCAAACCTCA
CTAAACCCGGAGAACACACACTGGGGAGAACCTTACGTGTGCACCAAGTGTGGGAAGGCTTTCAGCCA
CAGCTCCAACCTTACCCTTCAATACCGGACACATCTGGTGGACCGCCCTATGACTGTAAGTGTGGGAAA
GCCTTTGGGCAGAGCTCAGACCTCCTTAAACATCAGAGGATGCACACAGAAGAGGCGCCCTATCAGTGTA
AAGACTGTGGAAAGCCTTCAGTGGGAAGGGCAGCCTCATTTCGACACTATCGCATCCACACAGGGGAGAA
GCCCTATCAGTGAATGAGTGTGGAAAGAGTTTTAGTCAGCATGCAGGTCTCAGTTCCCATCAACGCCTG
CATACAGGGGAGAAACCTATAAGTGAAGGAGTGTGGCAAAGCCTTCAACCATAGTTCGAATTTAATA
AGCATCACAGAATCCATACTGGTAAAAACCTATTGGTGAACCACTGTGGGAAAACCTTCTGTAGCAA
GTCAAATCTTCCAAGCATCAGAGAGTCCACACTGGAGAGGGAGAGGTACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012021

Insert Size: 1665 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).

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_001012021.2](#), [NP_001012021.1](#)

RefSeq Size: 2218 bp

RefSeq ORF: 1665 bp

Locus ID: 304342

Cytogenetics: 12q11