

Product datasheet for **MC202570**

Zkscan1 (NM_029869) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zkscan1 (NM_029869) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zkscan1 |
| Synonyms: | 5930429A01Rik; 9130423L19Rik; 9230118B16Rik; AI646829; AI788588; C87323; KOX18; PHZ-37 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |

Fully Sequenced ORF: >BC052441 sequence for NM_029869
GGCGAGGTATTGGGAGGGCCTATGTCGGTGTGCAGTGCCTTCGGTGGGTTGAACCCAGAGCAAGCTGT
GCTTGGTCGCCCCGCGTCCCAGGCCGCTCCGGAGACTCAGTGGAGGAACCAATAAGAAGACAGCTGCTA
GGACAGAAACTGCAGCCTGACCCTGTTGGACCCACCAGTTCAGTGCAGCCTGAATGATGACTGCTGAGTC
AAGGGAAACACAGGTCTATCCCCACAGGCTGCACAGGAGAAAGATGGTATAGTTATTGTGAAGGTAGAA
GAAGAAGATGAAGAAGACCACATGTGGGGCAGGACTCTAGCCTGCAGGAGACACCACCACCCGACCCAG
AGGTATTCGCAACGGTTCAGGCGCTTCTGTTACCAGAACACTTTTGGCCTCGAGAAGCTTTGAATCG
ACTAAAGAACTTTGTCATCAGTGGCTCCGACCAGAAAGTCAACAGCAAGGAACAGATCTTGGAGCTGTTG
GACTGGAGCAGTTCCTGTCCATCCTGCCAAAGAGCTGCAAGTCTGGCTGCAGGAGTACCGGCCTGACA
GTGGGGAAGAGGCGTGACTCTTCTAGAAGACTTGAACCTTGATCTATCGGGACAGCAGGTCACAGTCA
AGTTCATGGGCTGAGATGCTTGCCAGGGGTGTGGTGCCTCTGGATCCAGTTCAGGAGTCTCAAGCTTT
GACCATCATGAAACTGCCAGTCTCATTCAAGCATTCTAGGAAGCCTCGTCTCTTATCCCGAGGCT
CTGAGAACAGGAATGGGAATGAGTCAACCTCAAAGGCTGAAGTCAAAGAAGATTCCACCTCACATGGGGA
GATAGCAGGGAGATTCCAGAAGGAATTTGGAGAGAAAACGGGAACAGCAGGGCAGAGTAGTCGAAAGGCAA
CAGAAAAATCCTGAAGAGAAAATGGCAAAGAAAAGAGAGCCTGGGCCACCTACAGCCAAGGAAAAAA
AGCCCAGCACAGGAGAGCGGGCCCGGGGAGAAGGGTAAAGGTCTGGGGAGAAGCTTTAGCCTGAGCGC
AACTTTAATAACACCCAGAGGAGGCTCCGTCCGGAGCAAAGACTCACAGATGCGATGAGTGTGGGAAA
TGTTTTACAAGAAGCTCAAGCCTTATCCGCCATAAAATCATCCACACTGGAGAGAAAACCTACGAATGTA
ACGAGTGTGGCAAAGCCTTCAGTCTCAATTCAAACCTTGTCTTATCAGCGAATCCACACGGGAGAGAA
AGCTCATGAATGTAACGAGTGTGGCAAAGCCTTCAGCCATAGCTCAAATCTCATCCTGCACAGCGCATC
CACTCTGGAGAGAAGCCCTATGAATGTAACGAGTGTGGCAAAGCCTTCAGCCAGAGCTCAGACCTCACGA
AGCACCAGAGAATCCATACAGGAGAGAAGCCCTATGAATGTAGCGAATGTGGAAAAGCTTCAACCGAAA
CTCATACTTATTTTGCATCGGAGAATTCACACCCGAGAAAAGCCCTACAAGTGCACCTAAGTGTGGCAAG
GCCTTCACCCGGAGCTCGACCCTCACACTGCACCACAGAATCCATGCCAGAGAGAGAAGTCCAGAAATACA
GCCAGCCTCTCGGATGCCTTTGGGGCATTCTGAAAAGTTGTGTGTAAGCAGGAGTGTCTCGTCAAG
CCATTTCCCCCTTTTGTCTGGAATTACCTATGTACCCATCGAGGGAAAAGTAATAGCACCATCGAAT
TGTTTGGGAAGTCACACTTCAGGGTCTTAACAGTTACATCAACCATGTCCTCCCTCAGGAAGTCTGTA



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GACATGCAATTCTTAAAGTCCGTGTAAGGGAAAGCTGGCCGTGTGGATATTCCTGCACTCAAGATAAAAG
 CATGCACAGTAACTGTCAAGCTTTCTAGTCATGGGTATACCTTTAAGGTTTGCTTCCCAGCAACCACAC
 CATATAGTTGATGAGTCAAGATCAGCTCTGTGAATATTATACTGGTTAAGCCACTTGCTGCAAAACAAACC
 CTAATTAGACAACCTTGATTTTCACAATGAAGAGAGATAGTTAATACAAAAACTACATTGGGACATGCTGC
 TTGAGCAAGTTGTAATCCAGAAGGTTCTATATCTGATCACTGGTAGCCTGCCAAAGCTATAGAAATCTA
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 AACAAATTCAGATGCTTCTTCTTCTTCAACATCCCTAAAGCACTCTAGAACGCCTAAATGCACCTCC
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 TAAACACACACAAGGCACTCCTTAGGACGGACTTCTAACATCACTGTCATATTTGGTAGGGTCTGTAA
 ATCATGTGAGTACCTGAACATGTTACCTTCAGACCTACAGGACATGCTATAATGTATTCTGGACTCAAT
 GTTATTTTGTCTAAGTATAACAAGGTTGGTCAGCTACCTGCAGAGACTGCAAAATGGGTGAGTAAAG
 TAAATACCACAGATATCAGAAAGGATTCTTGTATCCACGTACAGAAGAAAATATGAACACTAATAT
 GAAGTTTCTGTTTGTGTGACATCATTCCACAGCAAAGCTTGTGTTCTTGGCCAGAGTTCTTTTCAGTGAG
 CTGCTAAATGGTGGCATTGTTGAGCACTTCTGAGTTGTTTATCCTTAGCCAATCCTGTTCAAAGATGT
 GAAGGGTTTTTGTGTTGTTCTTTTGTGTTTTTTTTAAAGTTTTTTTTTTTTTTTATTTGTTTTATTTCTC
 AGAGAAAGGGAAAGTTTAAAGGAGCATTTTTCTCTCACATTTAACAGAAACTTGTAAGCATCTGTC
 ATCATTAGCCAGCAGTAACTTAAGATGCTCTGTAGCTCTGAGAAGTTCACCACCACACAGTGTGGTTGG
 TTGTGCACTGTATTTAATAACACACAGTGTCTTTTCTGTTTCTCATGAAAGACTAAAGTGAAGGAGTGA
 GGTTAGGGGACTTTAGCCTTTCTGTCTCTGCAGTGGCTTCCCAGAAGCTCTTGATGGAGACATAA
 CACATACAGGAGACCCCAAGTATCAAGCTATGCAGGATTGGGATCTTGAACAGACAGCTTTATTTAAGG
 AAGCATGAGATAGTGTGGACAGCCCTACAGAACCCTAGAAAACATAAGCTAAAGACAAACTTGAAGACTG
 TTGACATGGACACCCCGCTATGGTTGAGATTTCCCTCAAGAAACAACATAAAATCACCTTGACCAAGTT
 GTTCACTGGTGACCAGCAGCAAAAGTCGGTGAGACACAATAGCAGCAGGTCTCATCAGGTTGGTACCTGT
 GACCTCTGTTCCAAGTCAGACTAGAATCTACAAACAATCACTGGTTCTTGCTTGACTTTATTTCTTAGA
 CCAATCTAATCTCTGGCGCATCTGAGCTGTTTGCTTAGTGCTGCCAGTGAGTGTCTATCCATCCAGC
 TGAAAATCAACAGAGCTACTCTGAGGATTGCACCTGACTCACTTTCTGGAGTGAGGTGGAGATAAAGAGG
 TGCTTTTTAAGGTTCTCTTAAAGGAATGAGTCATATTAATGGTGGACTTTTGTGTGAGAGCTCTGGCCTG
 TTTGGTTTTTGTCTTGTGTTTGGTGGTTTTTTTTGTTTTTGTTTTTTTTTTTTTTTTTTTTTAAAGCA
 ACTGAAATAAGGTACAGGACTCCAGGAGCACATCGAGACTGGCTTTGATCCCAAGAAAGGACTTTGGT
 CATTTCCCTTTTGGCTGCTTATACACAGACAATTAACCACATGCTGGTGCCTTACGCCGTTATTCTTTG
 TTCTTAAATGAAATTAAGACTGACCTGTGATCCCATCCCTCATTTGATTTCCATTTTACTGGAACGTTTT
 ACTATTAGATAGTCACTGGGATGGCTCCAGATCTTCCATGGATGCAGTCTGGAGGCAGCCACCTGAAAA
 TACATTTTACTTAGAAAGCTGACTATAGGTGGTTATCCAAATTTCTTAGATGCTCAGCAGTGTCACTGCA
 TCGTGGTCAAATGTGGTGACATCTGTGTTAGTGCTCAGGCTAGTTAACAGCCTAAGTGCTTATTAGTTA
 ACCATCAGCATGCCGATTGACATGATGGAACCTTAAGACTTCTTAAATGTACTTTACAACAAAAGCCAGA
 TTCTTCAAGTTTTGAACCTTCTACTTCAGCCTGGCAGGCAAGGCTAAGCATTGATGTGTGAGACAACCTT
 ATATGTAAGCACTTGATATTAAGGTATAATCGTGAGACTGTTAAATATGTGTAGAGAGACTGACATGT
 TAAATATGTGAGGCAGTCCATGCCTTATATACATCAGAGAATTGATTCCAGAATGGGACCGAGTCCGAGT
 GTGATGCCTGGCAAAGGTTACTGTAAATAAACTCTTTCTGTGAGGCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Ascl-NotI

ACCN:

NM_029869

Insert Size:

1467 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).

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| 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: | <ol style="list-style-type: none">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: | <u>BC052441</u> , <u>AAH52441</u> |
| RefSeq Size: | 4687 bp |
| RefSeq ORF: | 1467 bp |
| Locus ID: | 74570 |
| UniProt ID: | <u>Q8BGS3</u> |
| Cytogenetics: | 5 G2 |
| Gene Summary: | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and lacks two alternate exons in the 5' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal in-frame segment and is shorter, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. |