

Product datasheet for **MC220770**

Zkscan5 (NM_001167944) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan5 (NM_001167944) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan5
Synonyms:	AI132486; AI326970; hKraba1; Zfp95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220770 representing NM_001167944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATAATGACAGAATCCAGGGCAGTTATACACTTAGAGCCTCCCCTGAGACTTCGCAAGAGCAAGCAG
 ACCTTCTCATAGTGAAAGTAGAAGAAGAGGACTGCTCCTGGATGCAGGGATACAACCGGCCAGTCTTGA
 GACTTTTTACCAGCGCTTCAAGCACTTCCAGTACCATGAGGCAGCAGGACCCCGCATGCTCTCAGCCAG
 CTCGGGTTCTCTGTTGTGAGTGGCTGAGGCGGAGCTGCACACCAAGAGCAGATCCTGGAGCTGCTGG
 TGCTGGAGCAGTTCCTCACCATCCTGCCTGAAGAGTTTCAGGCCTGGGTGAGAGAGCATCACCCGAGAG
 TGGGGAAGAAGCCGTGGCTGTGATAGAGAGTATCCAGAGAGAGCTGGAGGAGCGCAGACAACAGATTGCC
 ACAAGTCCCGAAGTACTTCTCAGAAGATGGTACCACCCGGAGCCACGCAGGAGTCTTTCAGTACCAGT
 GTCTACCTGTGGAGGCCAGCCGAGCGAGAGTACAGAATCTTCTGGAAGAAAAATGATTACGAGCCCAA
 GGAGGGCAACTTAGAGTTCACGGTGCAGCAGGTCTCCGATGCAGCTGACCCACACTGGGTGGCCGAGAA
 CGCACGAAAAGAATGGTGTTCAGCGTCCAGAGTCCGGCGAAGTACGCGACCTGAAGGACATGGTGCCGA
 GGTGGCAGGTGAATCCCCTTCGGGGAATCCAAGGCAGAAAAGACCTCTGCGCTCAGTCCGGATGTTAA
 CCGGAAGCAGAAAATCGAATGGCGAACGAGGCCACAGATGTGGTACTGCGGGAAGTTTTCTCCAAGCC
 TCAAATTCATTACGACCCGGAGGATCCACACTGGAGAGAAAACCGTTTAAATGTGGGGAGTGTGGAAAA
 GCTACAACCAGCGGGTTCACCTCACTCAGCACCAGAGAGTCCACACCCGGCGAGAAGCCCTACAAGTGTA
 GGTGTGCGGGAAGCCTCCGTGTGAGCTCCCATCTGGTGCAGCATCACAGCGTGCACAGCGGGGAGAGG
 CCGTATGGCTGTAAAGAGTGCAGGAAAGAGCTTTGGCGGCACTCGCATCTGATCGAGCATCTGAAGCGCC
 ACTTCAGAGAGAAAATCCCAAAGATGCAGCGACAGAAGAAGTAAGAACAATAAACTAAACATTAAGCAA
 TCCAGGACTTTCAGAAGCAGACCTGGAACATTCGGGAGAAGTCCAAAGGAATGCTTGCCAGGCTGAAGGT
 CACAGTGAAGGCTGTGAACACCAGGATGGACAGCAGGGGTTGTGATGAAAGAAAACCTAGGGCAGTCT
 CTTCAAAGAGGACAGACTGCAATGAGTTCAGCTATGTCCACAAGAAGTCGTCTCCAGGAGAGAGGCCACA
 CCAATGTAACGAGTGCAGGAAAAGCTTTCATCCAGAGCGCGCACCTCATTACGATCGGAGAAATCCATACT
 GGGGAGAAAACCTCAGGTGCGAGGAGTGTGGGAAGAGCTACAACCAACGTGCCACCTCACTCAACATC
 ACCCGTTACACCGGGCAGAAAGCCCTATGCTGTCACTATGTGGGAAAAGCCTCCGAGTGAAGTCCCA
 CCTCGTTCAACACCAGAGTGTGCACAGCAGGGAGAGGCCCTTCAAGTCAACGAGTGTGGGAAGGGCTTC
 GGGAGGCGTTCGATCTCGCCGGGCACCTCCGACTCCACTCTAGAGACAAGTACACCAGTGTACAGAGT
 GTGGTGAATCTTTTCCAGTACGTACGCTCCTTGAACACCAAGTGTCCATGTGGGCCAGAAAGAGCGA
 GAAGAACGGTATCTGCGAGGAGGCTACAGCTGGAACCTGACGGTGTAAAGATAAGAAGCTGGAGTTA
 CAGGAGCAGCCTTACCAGTGCAGCTCCTGCGGCAAGCCTTACAGTTACAGTTCTGACCTCATTACAGATT
 ACAGAACTCACTTGCAGGAGAAAACCCAGAAAATGCGACGCATGCAGGGACAGCACCTGCCAGTGTCCGCA
 CATAAAACAGCAACAGAAAAGCTGCCCCAGTGGGAAAATCCCATCAGTGAATGAGTGTGGAAAGGGCTTC
 AGTCTGAAGTCCCATCTCAGTCAACATCAGAGAATCCACACCCGGCGAGAAGCCCTCCAGTGAAGGAGT
 GTGGAATGAGTTTCAGTTGGAGCTGTAGCCTCTCAAACATCTGCGTAGCCACGAGAGGACAGATCCATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001167944
Insert Size: 2241 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:	<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>NM_001167944.1</u> , <u>NP_001161416.1</u>
RefSeq Size:	3610 bp
RefSeq ORF:	2241 bp
Locus ID:	22757
Cytogenetics:	5 G2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks two coding exons compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.