

Product datasheet for **RN217141**

Zkscan7 (NM_001170577) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan7 (NM_001170577) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan7
Synonyms:	Zfp167; Znf167
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217141 representing NM_001170577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCATGGAAGCAGGGGACACTAGATATCATCCCCAGGACTGCGGTGTATCAGAAGCAGGAGGGGA
 GCTTGACTGTAAAGCAGGAACCAGGAAGCCAGACCTGGGGACAGAAGAACTGCCCTCCTGTCTGTGAAAT
 ATTCCGACTGCACTTCAGGCAGCTGTGTTACCATGAGATGTCTGGCCCTCAGCAGGCCCTGAGCCGGCTC
 AGGGAGCTCTGCCACTGGTGGCTGATGCCAGAGGTCCACACCAAGGAGCAGATCCTGGAGCTGCTGGTGC
 TGGAGCAGTTCCTGAGCATCCTGCCCAGGGAGCTTCAGACCTGGGTGCAGCTGCATACCCCCGAGACTGG
 CGAGGAGGCTGTGGCCGTGGTGGAGATTTCCAGAGACACCTTAGTGAGTCAGGGGAGGTTTACCTCCA
 GTACAAGAACAGGATGTGCATTTAAAGAAGATGGTAGCTCTGCGTGCCACAGAGCAGTCGCTACCTTAA
 CCTCTGGTTGTTGCTCAGCCCCGATGACCTCTTGAATCCTCCCTGTGACCCAGGAGCACACCATTCCC
 CAGTGGACACTTCGATCCTGCTTTTCCAGAGTGGGAACTCCAGAGCCCAGGCAGTGGCTAGTGTGCTT
 AGGATGGTCAGGCCTCAGGAGACTGCAGTGAACAAGGCCTGTATGCAGGAAAAGTGGAGTGTCTGTGTG
 AGGCGGAGGTGGTGGAGATGAGCACGGCCCGCCTATCTGGGTAAAGAACAGGATGGGAAGTTCTGAGTA
 CAGCCCCAAGCAGGGCATTCTAAAGGATCACATTCACCTTGACACATCCTCAGGAGGACTCTTTGGAGTG
 GCCCTGGTAGAACAGAGTCTGGAGATATCTGTGAAGACCCTTTAGCACAGGTGGAAGGGTGTCCCTCAG
 ATGAAGGCAGTGAAGTAAAGTGAATTTCTGGAAAAGATGATGAGAAAAATCCACCAAAGACAGAAT
 CGAGGACAGTAAAGATGTAAGGGAACGTCCAGAATCGCCCTCCAGTCTGCTGAGCATCAGAGAGAAGCC
 AAGAGGCAGAATTCCTATCAATGTGATGAATGTGGCAAATTTTAAACCGAGCTCACACCTCCTGGAC
 ATCGGGAATCCACACTGGAGAGAGACCCTCTGAATGTAATGAGTGTGGGAAAGACCTTCTACAGACATC
 TCAGCTAATTGTTACCTCAGAACACACACTCAGGAAAAACCTTATGAATGTCAAGAGTCTGGGAAGACT
 TATTGTACAGTTCCTGCTTATTCAACACCAGAGACTCCATAATGGGGAGAAACCTTATAAAGGTAATG
 AATGTGTAAGGCTTCCATTTCAGAGTTCACAGCTCATAGACCACAAGGGAGCCACGCTGCAGAGAAACC
 TAATGAGTCTGAAGAGGCATTCTTTGGAGCAAAAGTCTCCAACATCAGGTCCTTCATACCAGTAAGAAG
 CCCTATGAGTGAATGAATGTGGAAAGCCTTCTGTTCCAACAGAAATCTTACTGACCACCAGAGGATCC
 AACTGGGAGAAAGCCTTATGAGTGCATTGAGTGTGGCAAGGCCTTATGTCGGAGTAAGTGTCTTACTCG
 ACATCAGAGTCTCCACTGGGGAAAAACCATACAAATGCAGTGAATGTGGGAAAGCCTTACAGTCAAGAC
 TCTCAGCTCATTGACCATGAACGAATTCACACAGGTGAAAAGCCTTTCGAATGTAGTGTGAGTGTGGTAAGA
 AATTGAGTTAAAGTAAATGCCTTATTCGGCACCAGAGACTTCACACTGGAGAAAAGCCCTACAAATGCAG
 TGAGTGTGGAAAATCCTTCAATCAAATTTCTCACCTCATTATACACCAGAGAATTCACACTGGTGAGAAA
 CCTTATGGATGAATGAATGTGGGAAGGTCTTCAGTTATAGTTCTAGCCTTATGGTGCATCAGAGAACC
 ATACTGGTAAAAGCCTTATAAATGTAAGACTGCATGAAATCCTTTGGTACAGTTCACAGCTTATTGT
 GCACCAGAGAGTTCACACTGGTGTGAGAAGCCTTATGAATGTATTGAATGTGGGAAAGCCTTATGTCAGCGT
 TCCACCTTAAACCACCATCAGCGAACTCACAACGTGGAGAAGCCCTCAAGTCTGCTTCAGACAGTATCCT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001170577
Insert Size: 2172 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:	<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_001170577.1</u> , <u>NP_001164048.1</u>
RefSeq Size:	4837 bp
RefSeq ORF:	2172 bp
Locus ID:	363170
Cytogenetics:	8q32