OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

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

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCATGGAAGGCAGGGGGACACTAGATATCATCCCCAGGACTGCGGTGTATCAGAAGCAGGAGGGGA
GCTTGACTGTAAAGCAGGAACCAGGAAGCCAGACCTGGGGACAGAAGAACTGCCCTCCTGTCTGTGAAAT
ATTCCGACTGCACTTCAGGCAGCTGTGTTACCATGAGATGTCTGGCCCTCAGCAGGCCCTGAGCCGGCTC
AGGGAGCTCTGCCACTGGTGGCTGATGCCAGAGGTCCACACCAAGGAGCAGATCCTGGAGCTGCTGGTGC
TGGAGCAGTTCCTGAGCATCCTGCCCAGGGAGCTTCAGACCTGGGTGCAGCTGCATCACCCCGAGACTGG
CGAGGAGGCTGTGGCCGTGGTGGAGGATTTCCAGAGACACCTTAGTGAGTCAGGGGAGGTTTCACCTCCA
GTACAAGAACAGGATGTGCATTTAAAGAAGATGGTAGCTCTGCGTGCCACAGAGCAGTCGCCTACCTTAA
CCTCTGGTTGTTGCTCAGCCCCTGATGACCTCTTGAATCCTCCCTGTGACCCAGGAGCACACCACTTCCC
CAGTGGACACTTCGATCCTGCTTTTCCCAGAGTGGGGAACTCCAGAGCCCAGGCAGTGGCTAGTGTGCTT
AGGATGGTCAGGCCTCAGGAGACTGCAGTGAACAAGGCCTGTATGCAGGAAAAGTGGAGTGTCCTGTGTG
AGGCGGAGGTGGTGAGAGATGAGCACGGCCCGGCCTATCTGGGTAAGAACAGGATGGGAAGTTCTGAGTA
CAGCCCCAAGCAGGGCATTTCTAAAGGATCACATTCACTTGACACATCCTCAGGAGGACTCTTTGGAGTG
GCCCTGGTAGAACCAGAGTCTGGAGATATCTGTGAAGACCCTTTAGCACAGGTGGAAGGGTGTCCCTCAG
ATGAAGGCAGTGAACTAGAAAGTGATTTCCTGGAAAAGAATGATGAGAAAAATTCCACCAAAGACAGAAT
CGAGGACAGTAAAGATGTAAGGGAACGTCCAGAATCGCCCTCCAGTCCTGCTGAGCATCAGAGAGAAGCC
AAGAGGCAGAATTCCTATCAATGTGATGAATGTGGCAAAATTTTTAACCGGAGCTCACACCTCCTTGGAC
ATCGGAGAATCCACACTGGAGAGAGACCCTCTGAATGTAATGAGTGTGGGAAGACCTTCCTACAGACATC
TCAGCTAATTGTTCACCTCAGAACACACACTCAGGAAAAACCTTATGAATGTCAAGAGTCTGGGAAGACT
TATTGTCACAGTTCCCGTCTTATTCAACACCAGAGACTCCATAATGGGGAGAAACCTTATAAAGGTAATG
AATGTGTAAAAGCTTCCATTCAGAGTTCCCAGCTCATAGACCACAAGGGAGCCCACGCTGCAGAGAAACC
TAATGAGTCTGAAGAGGCATTCATTTGGAGCAAAAGTCTCCAACATCAGGTCCTTCATACCAGTAAGAAG
CCCTATGAGTGTAATGAATGTGGGAAAGCCTTCTGTTCCAACAGAAATCTTACTGACCACCAGAGGATCC
ACACTGGGGAGAAGCCTTATGAGTGCATTGAGTGTGGCAAGGCCTTTAGTCGGAGTAAGTGTCTTACTCG
ACATCAGAGTCTCCACACTGGGGAAAAACCATACAAATGCAGTGAATGTGGGAAAGCCTTCAGTCAGAAC
TCTCAGCTCATTGACCATGAACGAATTCACACAGGTGAAAAGCCTTTCGAATGTAGTGAGTGTGGTAAGA
AATTCAGTTTAAGTAAATGCCTTATTCGGCACCAGAGACTTCACACTGGAGAAAAGCCCTACAAATGCAG
TGAGTGTGGAAAATCCTTCAATCAAAATTCTCACCTCATTATACACCAGAGAATTCACACTGGTGAGAAA
CCTTATGGATGTAATGAATGTGGGAAGGTCTTCAGTTATAGTTCTAGCCTTATGGTGCATCAGAGAACCC
ATACTGGTGAAAAGCCTTATAAATGTAAAGACTGCATGAAATCCTTTGGTGACAGTTCACAGCTTATTGT
GCACCAGAGAGTTCACACTGGTGAGAAGCCTTATGAATGTATTGAATGTGGGAAAGCCTTTAGTCAGCGT
TCCACCTTTAACCACCATCAGCGAACTCACAACGTGGAGAAGCCCTCAAGTCTGCTTCAGACAGTATCCT
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).

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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:	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_001170577.1, NP_001164048.1
RefSeq Size:	4837 bp
RefSeq ORF:	2172 bp
Locus ID:	363170
Cytogenetics:	8q32

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