

Product datasheet for **RN216960**

Zkscan8 (NM_001100574) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan8 (NM_001100574) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan8
Synonyms:	Zfp192
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216960 representing NM_001100574
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACAGAATCAAGAAAGCCTTCTTCAGCCCCATCTCCACCAGACCAGGCTCCTGAAGAGGACCTTG
 TCATTGTCAAGATAGAGGAGGATCATGGTTGGGATGAGGAATCTAGTGTGCATGAGAATAACATACCTGG
 CCAAGAATATTTTCGCCTACGCTTCAGACAGCTCTGCTACCAGGAGACATTAGGACCTCGGGAAAGTTCTG
 ATCCAGCTCCGTGCATTTGCCATCAGTGGTTACGGCCAGACTTGAACAGCAAAGAGCAGATCCTTGAAC
 TGCTGGTGTGGAACAGTTCTGACCACTCTGCCTAAGGAGCTGCAGACTCTGGTTAAGGAGCACCAGTT
 AGACAATGGAGAAGAGGTGGTGACCCTGTTGGAGGACCTGGAAAGGCAGATTAATGTCCTAGGGCAACCA
 GTCTCAGCTCATACACATGGGCACAGACTCTGGGATGAAGTCATACCTTCAAATCTGCATCAGAAC
 CTCCAAGTATTCATGTCCAACCCATGGCAACCATGCCTAAATCTCTGTGCCCCAGAAGCCACACGACAG
 AGGAGAGAGGCCAGATTTCACTTATAAAGCCATGTCTTCTCTCAGAAACCTACTCTTCCAAAAAAGGA
 AGTTCTGGAGATCAGGAGGTGACAGCTAGACTTCTCACTGCAGGGTTCCAGACTTTGGAAAAAGATCGAAG
 ACATGGCTGTGTCTTATTTCGAGAGGAATGGCTTCTTGATCCATCACAGAAGGATCTGAATAGAGATAA
 CAGACCCGAGAAATACAGAAATATGTTCTCCCTGGATGGTGGAGCCAGGAATGAGAAACAGGAAGCTATTT
 TCAAAACAGGTAATCTCCAGAAATCCAGCCACATGGAGAGGCAACTGCCAAGTGCAACGGGGATATTA
 TCGTGGGTCTTGAGCATGGAGAAACCAAGACCTTCTGGGCAAGTTAGAGAGGCATCAGGGAAATCACAC
 ACAAGAGAAACGACATAAATGTGATGAATGTGGGAAAAGCTTTGCTCAGAACTCAGGCCTTGTTCGCCAC
 TGGAGAATACACACTGGAGAGAAACCCATCAGTGTAAATGTGTGCAGTAAAGCCTTCAGTTACAGGTCAG
 CCCTTCTTTCCATCAGGATATCCACAACAAAGTGAAGCGCTATCACTGCAAAGAATGTGGTAAGGCCTT
 CAGTCAGAACACAGGCTTGATCCTGCACCAGAGAATCCACACTGGGGAGAAGCCCTATCAGTGTAAATCAG
 TGTGGGAAGGCCTTATGTCAGAGTGCAGGCCTATTTTGCACCAAGAATCCACAGTGGGGAGAGACCAT
 ATGAATGAATGAATGTGGAAAAGCATTAGTCATAGTTCACACCTCATTGGACATCAGAGAATTCACAC
 TGGGGAGAAGCCCTATGAGTGTGATGAGTGTGGGAAAACCTTCAGACGGAGCTCACATCTTATTGGCCAT
 CAAAGAAGCCACACTGGGGAGAAACCCACAAGTGAATGAGTGTGGGAGGCCTTCAGTCAGAAGTCAG
 GCCTTATTGAACACCAGAGAATCCATACTGGAGAAAGACCCTATAAGTGTAAAGAATGTGGGAAAGCTTT
 CAATGGGAACACTGGTCTCATTAGCATCTAAGAATACATACTGGGGAAAAACCTACAAGTGAATGAG
 TGTGGGAAAGCCTTATTTCAGAGATCAAGTCTCATTTCGACATCAGAGAATCCACAGTGCAGAAAAGCCTG
 AAACCACAGGCGTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100574
- Insert Size:** 1767 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:

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_001100574.1](#), [NP_001094044.1](#)

RefSeq Size: 8811 bp

RefSeq ORF: 1767 bp

Locus ID: 306974

Cytogenetics: 17p11