

Product datasheet for **MC227658**

Zkscan17 (NM_001291014) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zkscan17 (NM_001291014) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zkscan17
Synonyms: Nizp1; Zfp496; Znf496
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227658 representing NM_001291014
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCAGCAGAGTCCCAGAGCTACCTGATGCCCCGCTGGGGCTCTAGTACAGGGCACTGGGCTTCTAA
GCAGATCACCAGGCCAGCCTAGCGAAGACTTAGTCCGCAAGATGCGTTCGTTGTCAGGAGCAGAGCAT
CAGGGATGCCAGCCGTGGCCACTGCCAGTTCGCCGAACCGAGTCTCCCCATTTAAGGACATGATT
TTATGCTTCTCAGAAGAGGACTGGTCCCTTCTGGACCCGGCACAGACTGGTTTCTATGGCGAATTCATCA
TTGGGGAAGACTATGCAGTCTCCATGCCTCCAATGAGCCTCCAGTTCAGCCAGGCCACTCCCATGAAGA
GGAGAACGGGTTGCGGGTACAGAGTGGACGACAGACCTCCAGGATAAAGAAATCCCCAGGCCCTCTGC
TTAGACCTTTCCAGCCTCCAGCCATTCCAAGGAGAAGAAAGAAAGTGGGAGGAGCTGCAGGTGCCAG
AGCTCCAGCCCTGCCACAGGTGGTGTCTCAGTCAGAGTCCCTGTCCAGCAGGAGGTGACCCGCCAGCCCT
CAAGAGCAGTCTGGACCAGGAGGTGACCATCGAGATCGTGTCTGTCAGCTCTGGGGATGAGGACTCCCAG
CACAGCCCATACTGCACAGAGGAGCTGAGGAGCCCTCCAGAAGACCTGCACAGTGTCCAGCCCACCAGA
GCAACGCTAGTGTGAGGGGAGGTGCAAACCTCACAGAAATCTTACGTGTGCCAAAACGTGGAAGAGT
CTTCCGCTGGAGGTCAACTTATCCGGCACCTGCGCAGCCGACAGGAGCAGAAGCCACACAAATGCTCA
GTGTGCGGGGAGTTATTCAAGTACAGCAGGAGACCTGGATGGTACCTAGAGACCCACGAGGCCCAGAAGC
CCTACAGGTGCACTGCCTGCGGGAAGAGCTTCCGCTCAACTCACACCTCATCTCTACCCGCCGATCCA
CCTGCAGCCAGCCAGCCAGCCATGAAGAAGAGTGAAGAAGAGTCTGGAACAGAGGGCACGGGT
GCCAGCGACCTGCTGGAGAAGAGCAAAGCAAGCTGAGCTTCCAGTGTGGGGACTGTGAGAAGAGCTTCC
AGCGGCATGACCATCTGGTGTGAGACACCGTAGACTGTCTAAAGGATGAGACCCGTCCTTCCAGTG
TCGGTACTGTGCAAACTTTCCGACAGAATTATGACCTCCTCCGCCATGAGCGCCTGCACATGAAGCGA
CGCTCCAAGCAGGCTCTCAACTCATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001291014
Insert Size:	1290 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_001291014.1</u> , <u>NP_001277943.1</u>
RefSeq Size:	3781 bp
RefSeq ORF:	1290 bp
Locus ID:	268417
UniProt ID:	<u>Q5SXI5</u>
Cytogenetics:	11 B1.3
Gene Summary:	DNA-binding transcription factor that can both act as an activator and a repressor. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in its 5' UTR and uses a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1.