

Product datasheet for **MC228285**

Zkscan6 (NM_001302375) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan6 (NM_001302375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan6
Synonyms:	1700128E15Rik; D11Ert714e; KOX11; Zfp535; Znf18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228285 representing NM_001302375
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTTGACTTGGGGCAGGCCCTGGGCCCGCTTCTTTCTGGCCAAGGCTGAGGATGCCACATTCT
 CTGCATCAGATGCTACCCAGCAAAGAGAGCTTGCCAACCCTGAGACTGCTCGCCAGCTTTTCAGGCAGTT
 TCGTTACCAGGTGCTATCGGGGCCCCAGGAGACCTGAGACAACCTCCGGAAGCTCTGTTCCAGTGGCTG
 CGGCCAGAGGTTACACCAAAGAGCAGATCCTGGAGCTGCTCATGCTGGAGCAGTTTCTGACCATCTCC
 CCGGGGAGATCCAGATGTGGGTGAGGAAGCAGTGTCCAGGCAGTGGACAGGAGGCAGTGCAGCTCGTGA
 AAGCTTGAAGGGAGAACCCAGAACTGTGCACTGGATCAGCACCAAGTTCTAGGACAAGAGATTCCA
 TTCGAGAAGGAGAATTTGACACTGCCCTGGGACAAGTTGGAGCTGCACTGGAGGTGGAGCCCTCAC
 TGAAGTGGCACCTCAGGACCTGCCCTCAGAATTCATCCTCAGCAACTGGGGAGCTACTGAGCCATGG
 TGTGAAAGAGGAATCAGACATGGAGCCAGAATTAGCTCTGGCTGCTTCCAGCTTCTGCCAGACCTGAG
 GAGAGGCCTGTTAGAGACCAAGAGTTGGGAACAGCAGTTCTCCACCCTACAGGAGGAGCAGTGGAGAC
 ACCTGGATTCTACTCAGAAGGAACAGTACTGGGATCTCATGCTGGAGACCTATGGGAAAATGGTCTCAGG
 AGCAGGCATTTCCAACCTCAAACCTGACTTGACTAACTTAGCAGAATATGGGGAAGAGCTGGTGGCCCTG
 CACCTTACCGCGCTGAGAAGATGGCAAGACTCCCCTGCAAAGAAGACAGACAAGAAAATGACAAAGAGA
 ACCTAACTTGGAAAATCACAGGGACCAGGGATGTCTGGATGTTTTCTGTGAGGCATCAGGTGAGGCTCC
 ACCACAGACTGCCTTGAGTATTTCTTCGGTGAGAGTGAGCCGCATCGCTTGGAGGAGACAGTGTCCCA
 GAGGCTCTGAAAACCATCAGGGTGAGGGAAGTGGGGCGCATCTTTTCTTATGAAAGGGGCTCTGGGA
 AACAGCCAGGTCAGCACATACAGAGCTGCTTTGGGAGAAGTACTGCTTGTGGCTAGAGGAGAAGAG
 AGAGGCCTCTCAGAAGGGACAGGCCAGATCCCCATGGCCAGAACTGCCCACTTGACAGAGAGTGTGGG
 AAAACCTTCTATAGGAATTCACAGCTTGTTTTTACCAAAGGACTCACACGGGAGAGACATACTTTTATT
 GCCACATTTGCAAAAAGCCTTTCTACGAAGCTCAGACTTTGTGAAACATCAGAGAAGTACACAGGAGA
 GAAGCCCTGTAATGTGATTACTGTGGGAAAGGCTTCACTGACTTCTCAGGCTTGCACCACAGAGAAA
 ATCCACACAGGAGAGAAACCTATAAATGCCCTCTGTGAGAAAAGCTTTATTCAGAGGTCAAACCTTCA
 ATAGACATCAAAGGGTTCATACGGGTGAGAAACCTATAAATGTACCCACTGTGGCAAGCAGTTCAGCTG
 GAGCTCCAGCCTTGACAAGCATCAGAGATCACACTTGGGGAAGATGCCCTGCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001302375
- Insert Size:** 1668 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_001302375.1](#), [NP_001289304.1](#)

RefSeq Size: 2278 bp

RefSeq ORF: 1668 bp

Locus ID: 52712

UniProt ID: [Q810A1](#)

Cytogenetics: 11 40.53 cM

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate splice site in the central coding region compared to variant 1. The encoded isoform (2) is shorter compared to isoform 1.