

## Product datasheet for **MC216758**

### Zkscan4 (NM\_001039115) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan4 (NM_001039115) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan4
Synonyms:	AI841875; Gm11272; OTTMUSG00000000421
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216758 representing NM\_001039115  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTAGAGAACCCGGAACGTCCGCAGCCCTAACGCTCGGTCTGCAGAAGAGGGCACTGGCTTCTAG  
 TGGTAAAAGTGGAAACAGGAAGAGGCCTCCCCCTTGGCAGAGGAGACCAGTTGGCTGGGCAGTCCTGGGCC  
 TGACCGCTCCCGCCAGCGCTTCCGTGCTTCCGCTACCCAGAGGCAGCCGACCCCGGCAGGCGCTGAGC  
 CGGCTCCGCGAGCTCTGCAGACAGTGGCTGCGGCCAGACATGCACAGCAAGGAGCAGATCCTGGAGCTGC  
 TGGTGTGGAGCAGTTCTGACCATCCTGCCAGGGGAGCTGCAGACCTGGGTGCGCGAGCAGCACCCCGA  
 CAGCGGGGAGGAGGTGGTGGCGCTGCTGGAGTACTTGGACAGGCAGCTGGATGACACACCTCCACAGTT  
 TCAACGGGAGAATGGAGTCGCGAACTTCTCTGCTGCAAGGTGGCAGTGGTACACCATCCAGGACTCAC  
 AAAGTAGCCACTGCCAGGCAATGAAGTCACTCTTCAAGCACGAATCTCAGGAATCTTTGGAGTGTTCGCC  
 CTTACAGGCCAGAGGGCTGGAAATGAAGCCTGAGACCAGGGACTTGCCTCGAGCTGAAGAATACAGGGAC  
 CAAAAGCCTGAGCAGACAGTGTGCTTCCGGTGAAGACTGTCCCGATTCTACAGGTGCAGAAGCCA  
 GTGAGCAGGAAGGCAAGTTACAGACAGCACAGAAGAGTGGCCACAGGAACCGCGCACTTTTGCTGTGA  
 ATGTGGGAAGAGCTTTGCTCAGAGTTAGGCTTGACCAACACAAGAGAATCCACACAGGAGAGAAGCCC  
 TATGAATGTGAAGACTGTGGGAAGACCTTTATTGGGAGCTCTGCCCTTGTATTTCATCAGAGAGTTTACA  
 CTGGGGAGAAGCCATATGAGTGTGAAGAATGTGGCAAAGTCTTCAGTCACAGCTCCAACCTCATCAAGCA  
 CCAGAGAACCCACTGGGGAAAAGCCCTACGAGTGTGATGACTGTGGGAAAACCTTCACTCAGAGCTGC  
 AGCCTCCTTGAACATCACAAAATTCACACTGGGAGAAGCCATTCAGTGAACCTGTGTGGCAAAGCCT  
 TTAGGCGTAGCTCACATCTCCTGAGACATCAGCGGATCCATGGTGATAAAACTGCTCCAAGCCTCTGCA  
 TGGAGAGGCCTGGGAAGGTCAGAGTCCGGTGGCAGGCCAGGGGGAAGATGTTGAAGCTCCTGAGACTTAC  
 CAGTGCAGTGTGAGAGAAGTTTCACTCGGAGGAGAAGCCTTCTTGAACATAAAAAAATCCACACGG  
 GTGAGAAAACCTACCAGTGTGATGCATGCGGGAAGGGCTTTACCCGAACCTCATACTTGTCAACATCA  
 GAGGAGCCACGTGGGAAAAAATGTCTCACAGTGATCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001039115
- Insert Size:** 1443 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).
- 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\\_001039115.2](#), [NP\\_001034204.1](#)  
RefSeq Size: 2471 bp  
RefSeq ORF: 1443 bp  
Locus ID: 544922  
Cytogenetics: 13