

Product datasheet for **MR208817**

Zkscan6 (NM_026107) Mouse Tagged ORF Clone

Product data:

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



ORF Nucleotide Sequence: >MR208817 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTGTTGACTTGGGGCAGGCCCTGGGCCGCTTCCTTTCTGGCCAAGGCTGAGGATGCCACATTCT
 CTGCATCAGATGCTACCCAGCAAAGAGAGCTTGCCAACCCTGAGACTGCTCGCCAGCTTTTCAGGCAGTT
 TCGTTACCAAGTGTATCGGGCCCCAGGAGACCCTGAGACAACTCCGGAAGCTCTGTTCCAGTGGCTG
 CGGCCAGAGGTTACACCAAAGAGCAGATCCTGGAGCTGCTCATGCTGGAGCAGTTTCTGACCATCTCC
 CCGGGGAGATCCAGATGTGGGTGAGGAAGCAGTGTCCAGGCAGTGGACAGGAGGCAGTGACGCTCGTGGA
 AAGCTTTGAAGGGAGAACCAGAAAAGTGTGGCACTGGATCAGCACCCAAGTTCTAGGACAAGAGATTCCA
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 CTGGAGCTCCAGCCTTGACAAGCATCAGAGATCACACTGGGGAAGATGCCCTGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR208817 protein sequence
 Red=Cloning site Green=Tags(s)

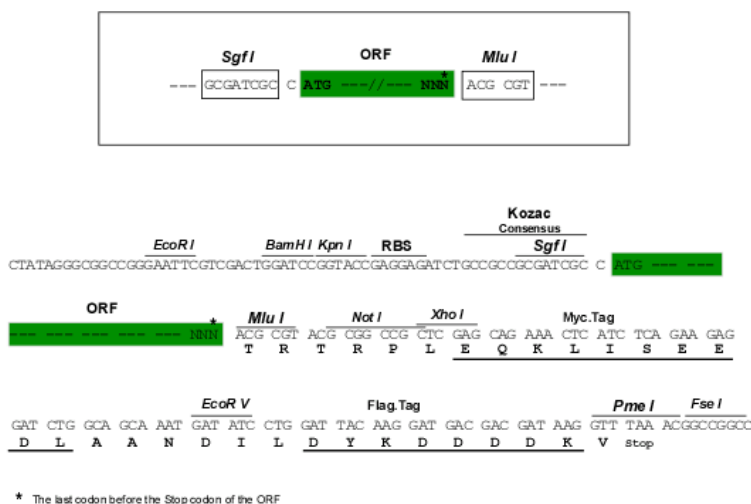
MPVDLGQALGPLPFLAKAEDATFSASDATQQRELNPETARQLFRQFRYQVLSGPQETLRQLRKLCFQWL
 RPEVHTKEQILELLMLEQFLTILPGEIQMWVRKQCPGSGQEAVTLVESLKGEPQKLWHWISTQVLGQEI
 FEKENLTHCPGDKLEPALEVEPSLEVAPQDLPLQNSSATGELLSHGVKEESDMEPELALAAASQLPARPE
 ERPVRDQELGTAVLPPLQEEQWRHLDTQKEQYWDLMLETYGKMVSGVAGISNSKPDLTNLAEYGEELVG
 LHLHGAEKMARLPCKEDRQENDKENLNLENHRDQGCLDVFCQASGEAPPQTALSDFFGESEPHRFGGDSV
 PEALENHQEGTGAHLFPYERGSQKQPGQHIQSSSLGELTALWLEEKREASQKQARSPMAQKLPTCREC
 GKTFFYRNSQLVFHQRTHTGETYFHCHICKAFLRSSDFVKHQRTHTGEKPKCDYCGKGSDFSGLRHHE
 KIHTGEKPYKPLCEKSFIRQSNFNRHQRVHTGEKPYKCTHCGKQFSWSSSLDKHQSHLGKMPCP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_026107

ORF Size: 1668 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

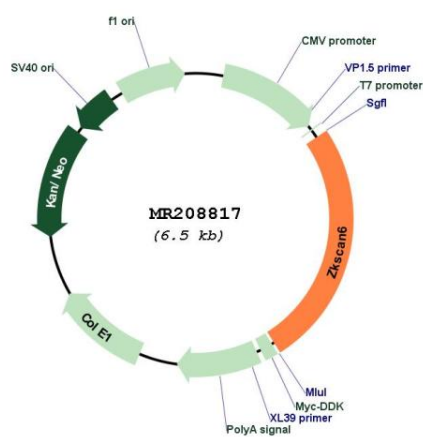
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22µm filter is required.

RefSeq: NM_026107.3, NP_080383.2

RefSeq Size:	2353 bp
RefSeq ORF:	1671 bp
Locus ID:	52712
UniProt ID:	Q810A1
Cytogenetics:	11 40.53 cM
MW:	62.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208817