

## Product datasheet for **MR218986**

### Zc3havII (NM\_172467) Mouse Tagged ORF Clone

#### Product data:

|                           |                              |
|---------------------------|------------------------------|
| Product Type:             | Expression Plasmids          |
| Tag:                      | Myc-DDK                      |
| Symbol:                   | Zc3havII                     |
| Synonyms:                 | B130055L09Rik; E430016P22Rik |
| Mammalian Cell Selection: | Neomycin                     |
| Vector:                   | pCMV6-Entry (PS100001)       |
| E. coli Selection:        | Kanamycin (25 ug/mL)         |

**ORF Nucleotide Sequence:** >MR218986 representing NM\_172467  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGGACCTCACTCTGTGCGCGTTCTCACCAAGGTGCTGTGTGCTCACGGCGGCCGCATGTTCTGCG  
AGGACCTGCGCGGCCACGTGGAGCTGTGCGAGGCGAAGCTGCGGGCCGTGCTGCGGCGCGCGGGTCCAGA  
GCGCTTCCTGCTGCAGGAGGTGGAGCTGCGCGACGGCCCGTGGGACGCAGAGGCCGAGGTGGCGGCGGGC  
GAGGGCGCGGGCGCGGGCTCAGGCGGCGGCCACGGCCTGCAGGGTGATGGCCGTGTCTCCGCGCGCC  
TCTGCGCCCGCTACCAGCGCGGGGAGTGTGAGGGCTGCGACCACTGCACTTGTGTGCGCCGCACATGCT  
GGGCAAGTGCCCCACCGCGACTGCTGGTCTACCTGTTCTGTGCCATGATATCCACACCTATCAAC  
GTCCAAGTCTGAAAAGCCGGGGCTTTTGGCCTCAATGAAGGGCAGCTGCGAATCCTGCTTTTGCAGA  
ACGACCCCTGCCTTTTCCAGAGGTCTGTGAGATGTACAACAAGGTGTCGATGTCCTTTATGGCTACTG  
CAGCCTCAAGGATAGATGCAACAAGTTTACGTGTGCAAACTCTTTGTGCGAGGTGAATGCCCTTTTCAG  
CCCTGCAAAACGCTCCACACAGCTCATCCATGCTGCCACCCTCAAGTTGCTAGAGGACCAAGAAGTATAGT  
TTTCAAGCGTCGTGAATTTCCAGATAATCTGTCTACAGACATAAGAAGTTGCACAAGATGCTTGAAGA  
GAAAGACCACTCGGCTTCTACTGAGCAACCACAAGGCCTTGGGAAACAAGGAGCCCTCGGGGCTGTGAA  
GCCAGGCCTTCTCCCTGCCCGTGCTCAGTCGCCAGGAAGCCCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:**

>MR218986 representing NM\_172467

Red=Cloning site Green=Tags(s)

MADLTLC AFLTKVLCAHGGRMFLQDLRGHVELSEAKLRAVLR RAGPERFLLQVELRDGPWDAAEAEVAAG  
EGAGAGSGGGATACRVMAVSSARLCARYQRGECQGC DQLHL CRRHMLGKCPHRDCWSTCSLSDIHTPIN  
VQVLKSRGLFGLNEGQLRI LLLQNDPCLFPEVCQMYNKGVDVL YGYCSLKDRCNKFHVCKSFVRGEC PFQ  
PCKRSHQLIHAATLKLLEDQELSVSSVVFQIISVYRHKKLHKMLEEKDHSASTEQPQGLGKQ GALGAVE  
ARPF LPARAQSPRPQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9034\\_h04.zip](https://cdn.origene.com/chromatograms/mm9034_h04.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:**

NM\_172467

**ORF Size:**

888 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 0.22um filter is required.

**RefSeq:** [NM\\_172467.3](#), [NP\\_766055.1](#)

**RefSeq Size:** 6538 bp

**RefSeq ORF:** 891 bp

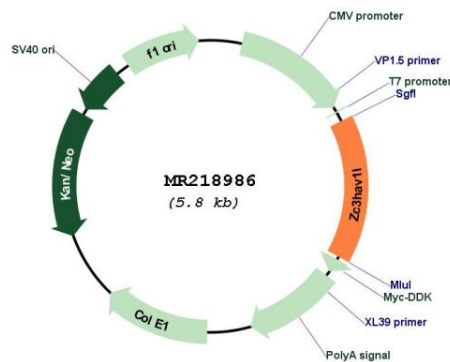
**Locus ID:** 209032

**UniProt ID:** [Q8BFR1](#)

**Cytogenetics:** 6 B1

**MW:** 33.3 kDa

## Product images:



Circular map for MR218986