

## Product datasheet for **MR205664**

### Zfp982 (NM\_001039209) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Zfp982 (NM_001039209) Mouse Tagged ORF Clone                      |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Zfp982  |
| Synonyms:                 | Gm13152; OTTMUSG00000010671                                       |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| ORF Nucleotide Sequence:  | >MR205664 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGTGTTTCTGGTAAATACACCACAGGGTCTGTAACTTCAAGGACGTGGCCGTAGAATTCTCAC  
TGGAGGAATGGGAACGTCTCAGTTTTGCTCAGAGGTCATTGTGCATAGATGTGATGTTGGAGAATTACAA  
CAATCTGTTGTTGTGAAAATCATTTTCATATGTGCAAAGTGTGGGAAGGCCTTGGATGAAGACAGCCAG  
TACATTGTCCATGAACACATGAATATTCAGAGAAGTCTTCTAAATGGAACAAGCTTAGCAATGTTATTC  
TTGAATCCCCCATTGTGTACCTCACAAATGTAGTGAATGGGACAAATGCTTTTCCAAAGATCCCATCT  
TAGTATTCATCAGAAAATTCATACAGGAGAGAAACCTTACAAATGCAGTGAATGCGACAAATGCTTTACT  
GAAAAAGGCATACTGAGAATTCATCAGAAAATTCATTCAGGAGAGAAATCTTACAAATATCATGAATGTG  
ACAAGTGCTTTCCAAAAAATCCCATCTTAGTATTCATCTGAGAAATTCATAAAGGAGAGAAAACCTACAA  
ATGTAGTGACTGTGACAAATGCTTTACTGAAAAACGAACTGAGAAGGCATCAGAAAATTCATACAGGA  
GAAAACTTACAAATGTAGTGAATGTGACAAATGCTTTATACAAAAATACAGTCTTAGTGATCATCAGA  
GAATTCATACAGGAGAGAAAACCTTACAAATGTAGTGAATGTAACAAATGCTTTATACAAAAATCCAGTCT  
TAATAATCATCAGAGTATTCATACAGGAGAGAAAACCTTACAAATGTAGTGAATGTGACAAATGCTTTACT  
GACAAACGCAATCTGAGAAGGCATCAGAAAATTCATACAGGAGAGAAAACCTTACAAATGTAGTGAATGTG  
AGAAATGCTTTACTGACAAAGGCAGTCTGAGAAGGCATCAGAAAATTCATACAGGAGAGAAAACCTTACAA  
ATGTAGTGAATGTGAGAAATGCTATACTGACAAAGGCAGTCTGAGAAGGCATCAGAAAATTCATAAAGGA  
GAGAACTTACAAATGCAGTGAATGTGACAAATGCTTTACTGAAAAAGGCAATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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**Protein Sequence:** >MR205664 protein sequence  
 Red=Cloning site Green=Tags(s)

MSVFLVNTPQGLLTFKDVAVEFSLEEWERLSFAQRSLCIDVMLENYYNLLFVENHFICAKCGKALDEDSQ  
 YIVHEHMNIQEKSSKWNKLSNVILESPHCVPHKCEWDKCFSQRSHLSIHQKIHTGEKPYKCSECDKCF  
 EKGILRIHQIHSGEKSYKHECDKCFPKKSHLSIHLRIHKGEKPYKSCDCDKCFTEKRKLRRHQKIHTG  
 EKPYKCSECDKCFIQKYSLSDHQRIHTGEKPYKCSECNKCFIQKSSLNNHQSIIHTGEKPYKCSECDKCF  
 DKRNLRRHQKIHTGEKPYKCSECEKCFDTKGSLLRRHQKIHTGEKPYKCSECEKCYTDKGSLLRRHQKIHK  
 EKLTNAVNVNTNALLKKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001039209

**ORF Size:** 1107 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.

**RefSeq:** [NM\\_001039209.2](#), [NP\\_001034298.1](#)

**RefSeq Size:** 1256 bp

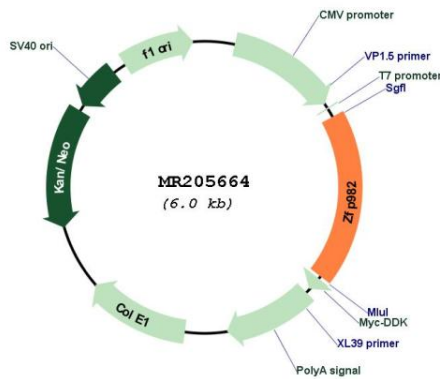
**RefSeq ORF:** 1107 bp

**Locus ID:** 195531

**Cytogenetics:** 4

**MW:** 43.2 kDa

**Product images:**



Circular map for MR205664