

## Product datasheet for MR203946

### Yipf4 (BC003936) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Yipf4 (BC003936) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Yipf4
Synonyms:	2310034L04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203946 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAAAACAAGTTGATTTTCGATATAGACATGGAAATACCTGGTGATGAACCCCTTCGACCCAGCACT  
TGAAAAGCAGAGGCAGAGAGATACCTGAATTAAGGCCAGCTTAGACTACACAGTTATCAAGTTCTCTGC  
CTGCCGGGTTACATACTGAAACCCTGTCTCAACAAAGTAGAAAAGAAATTTAGTTAAAGATGAACAT  
CTCAGCGGTTCTATAGCAGCTCCAGATGTCAAATTAACCTCGGTGAAGCGGAGATTTCAACAAAGAT  
CTACAGCTACTACATTTCTGAGACAAAGAGGCTATGGCTGGCTTTTGAAGTTGAAGATGAGGATCCTGA  
AGATAACAAGCCACTTTTGAAGAATTGGACATCGATCTAAAGGACATTTACTACAAGATCCGCTGTGTT  
CTGATGCCAATGCCATCGCTGGGTTTTAATAGACAGGTGGTGAGAGACAATCCTGACTTCTGGGGTCCAC  
TGGCTGTTGTTCTTTTCTTTCCATGATATCATTATATGGACAGTTTAGGGTGGTCTCATGGATTATAAC  
CATTTGGATATTTGGTTCACTGACAATTTCTTACTGGCTAGAGTTCTTGGTGGAGAAGTTGCATATGGC  
CAAGTTCTGGAGTTATAGGATATTCATTAATCTCCTCATTGTAATAGCCCCTATACTTTTGGTGGTTG  
GATCTTTTGAATGGTATCTACACTTATAAACTGTTTGGTGTGTTCTGGGCTGCCTACAGTGCTGCTTC  
ATTACTCGTAGGTGAAGAATTCAAGACCAAAAAGCCCCCTCCTCATTACCCCATCTTTTATTGTACATT  
TATTTTTGTCTTATATACTGGAGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR203946 protein sequence  
Red=Cloning site Green=Tags(s)

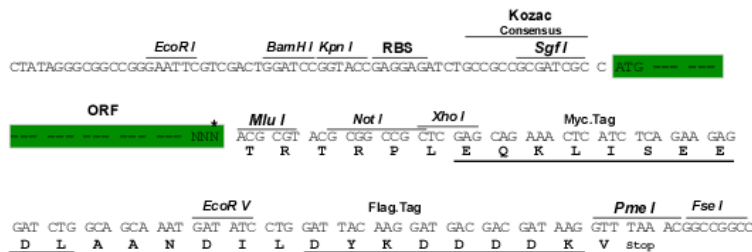
MKKQVDFDIDMEIPGDEPLRPQHLKSRGREIPELKASLDYTVIKFSACRGYILKPCLNKVEKKFQFKDEH  
 LSGSIAAPDVKLNLVSGDFIKESTATTFLRQRGYGWLLEVEDEDPEDNKPLLEELDIDLKDIYYKIRCV  
 LMPMPSLGFNRQVVRDNPDFWGPLAVLFFSMISLYGQFRVSWIITIIWIFGSLTIFLLARVLGGEVAYG  
 QVLGVIGYSLPLIIVIAPIILLVVGSEFEMVSTLIKLFVGFWAAYSAASLLVGEFEKTKKPLLIYPIFLLYI  
 YFLSLYTGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** BC003936

**ORF Size:** 867 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:** [BC003936](#), [AAH03936](#)

**RefSeq Size:** 2007 bp

**RefSeq ORF:** 869 bp

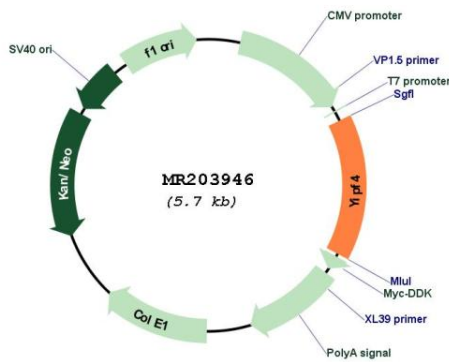
**Locus ID:** 67864

**Cytogenetics:** 17 E2

**MW:** 32.8 kDa

**Gene Summary:** Involved in the maintenance of the Golgi structure.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR203946