

## Product datasheet for **MR220950**

### Yipf4 (NM\_026417) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Yipf4 (NM_026417) 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:	>MR220950 representing NM_026417 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGCCTCCGGGCCGCCCGGCCTATGCGCCTGCCAACGGGGACTTCACCTTTGTGTCTTCGGCGG  
ACGCGGAAGATCTCAGCGGTTCTATAGCAGCTCCAGATGTCAAATTAACCTCGGTGTAAGCGGAGATTT  
CATCAAAGAATCTACAGCTACTACATTTCTGAGACAAAGAGGCTATGGCTGGCTTTTGAAGTTGAAGAT  
GAGGATCCTGAAGATAACAAGCCACTTTTGAAGAATTGGACATCGATCTAAAGGACATTTACTACAAGA  
TCCGCTGTGTTCTGATGCCAATGCCATCGCTGGGTTTTAATAGACAGGTGGTGAGAGACAATCCTGACTT  
CTGGGGTCCACTGGCTGTTGTTCTTTCTTTCCATGATATCATTATATGGACAGTTTAGGGTGGTCTCA  
TGGATTATAACCATTTGGATATTTGGTTCACTGACAATTTTCTTACTGGCTAGAGTTCTTGGTGGAGAAG  
TTGCATATGGCCAAGTCTTGGAGTTATAGGATATTCATTACTCCTCATTGTAATAGCCCCTATACT  
TTTGGTGGTTGGATCTTTTGAATGGTATCTACACTTATAAACTGTTTGGTGTGTTCTGGGCTGCCTAC  
AGTGCTGCTTCATTACTCGTAGGTGAAGAATCAAGACCAAAAAGCCCCTCCTCATTTACCCCATCTTTT  
TATTGTACATTTATTTTTGTCTTATATACTGGAGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR220950 representing NM\_026417  
Red=Cloning site Green=Tags(s)

MQPPGPPPAYAPANGDFTFVSSADAEDLSGSIAAPDVKLNLVSGDFIKESTATTFLRQRGYGWLLVED  
 EDPEDNKPLLEELDIDLKDIYYKIRCVLMPMPSLGFNRQVVRDNPDFWGPLAVVLFSSMISLYGQFRVVS  
 WIITIWIFGSLTIFLLARVLGGEVAYGQVLGVIGYSLLPLIVIAPIILLVGSFEMVSTLIKLFVFWAAAY  
 SAASLLVGEEFKKKPLLIYPIFLLYIYFLSLYTG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9029\\_f02.zip](https://cdn.origene.com/chromatograms/mm9029_f02.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_026417

**ORF Size:** 738 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\\_026417.4](#), [NP\\_080693.2](#)

**RefSeq Size:** 2112 bp

**RefSeq ORF:** 741 bp

**Locus ID:** 67864

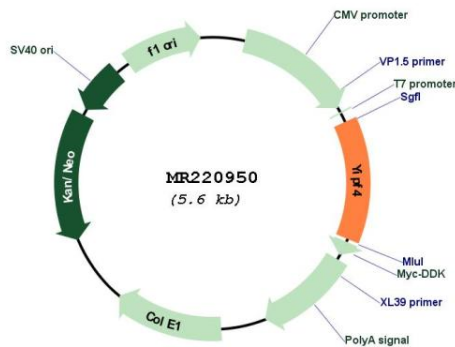
**UniProt ID:** [Q8C407](#)

**Cytogenetics:** 17 E2

**MW:** 27.7 kDa

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

**Product images:**



Circular map for MR220950