

## Product datasheet for **RG204519**

### YIPF6 (NM\_173834) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	YIPF6 (NM_173834) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	YIPF6
Synonyms:	FinGER6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204519 representing NM_173834 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAAGCGGAGGAGTCTCCAGGAGACCCGGGACAGCATCGCCAGGCCCTGTTTGCAGGCCTTT  
CAGATATATCCATCTCACAAGACATCCCGTAGAAGGAGAAATCACCATTCTATGAGATCTCGCATCCG  
GGAGTTTGACAGCTCCACATTAATGAATCTGTTTCGCAATACCATCATGCGTGATCTAAAAGCTGTTGGG  
AAAAAATTCATGCATGTTTTGTACCCAAGAAAAGTAATACTCTTTTGAGAGATTGGGATTTGTGGGCCC  
CTTTGATCCTTTGTGTGACACTCGCATTAAATGCTGCAAAGAGACTCTGCAGATAGTAAAAAGATGGAGG  
GCCCAATTTGCAGAGGTGTTTGTATTGCTGGTTTGGTGCAGTTACCATCACCCCTCAACTCAAACTT  
CTTGAGGGAACATATCTTTTTTTCAGAGCCTCTGTGTGCTGGGTTACTGTATACTTCCCTTGACAGTAG  
CAATGCTGATTTGCCGGCTGGTACTTTTGGCTGATCCAGGACCTGTAAACTTCATGGTTCGGCTTTTTGT  
GGTATTGTGATGTTTGCCTGGTCTATAGTTGCCTCCACAGCTCTCCTTGCTGATAGCCAGCCTCCAAAC  
CGCAGAGCCCTAGCTGTTTATCCTGTTTTCCTGTTTACTTTGTCATCAGTTGGATGATTCTCACCTTTC  
TCCTCAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204519 representing NM\_173834  
 Red=Cloning site Green=Tags(s)

MAEAEESPGDPGTASPRPLFAGLSDISISQDIPVEGEITIPMRSRIREFDSSTLINESVRNTIMRDLKAVG  
 KKFMHVLYPRKSNLLRDWDLWGPLILCVTLALMLQRDSADSEKGGPQFAEVFVIVWFGAVTITLNSKL  
 LGGNISFFQSLCVLGYCILPLTVAMLICRLVLLADPGPVNFMVRLFVVIIVMFAWSIVASTALLADSQPPN  
 RRALAVYPVFLFYFVISWMILTFTPQ

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_173834

**ORF Size:** 708 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\\_173834.2](#), [NP\\_776195.1](#)

**RefSeq Size:** 1209 bp

**RefSeq ORF:** 711 bp

**Locus ID:** 286451

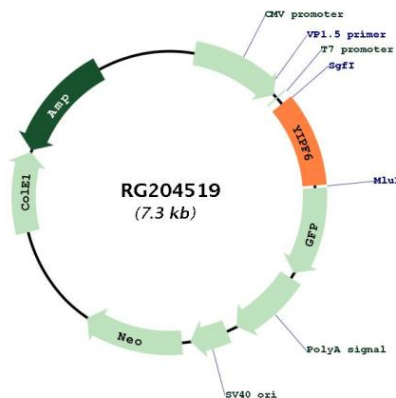
**UniProt ID:** [Q96EC8](#)

**Cytogenetics:** Xq12-q13.1

**Protein Families:** Transmembrane

**Gene Summary:** May be required for stable YIPF1 and YIPF2 protein expression.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RG204519