

Product datasheet for **MG202877**

Yipf6 (NM_207633) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Yipf6 (NM_207633) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Yipf6
Synonyms: A430107J06Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202877 representing NM_207633
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAAGCGGAGGACTCTCCGGGAGAACAGGAGGCAGCGGCATCCAAGCCCCTGTTTCAGGGTTGT
CTGATGTGTCAATTTCTCAGGACATTCCCATAGAAGGGGAGATTACCATCCCCTCCAGAGCTCGTGCTCA
AGAACATGACAGCTCCACTGAATGAATCCATTCGTCGGACCATTATGCGAGATCTAAAAGCTGTGGGA
AGGAAATTTATGCATGTTTTATATCCAAGGAAGAGTAATGCACTGTTAAGAGACTGGGACCTGTGGGCGG
CATTGATACTTTGTGTGACACTGCATTGATGTTACAGAAAAGTCCATTGATGGGAAGAATGATGGCGG
AGGCCCAGAATTCGCAGAAGTATTTGTTATCATCTGGTTTGGAGCAGTTACCATCACGCTGAATCCAAA
CTTCTTGGCGGAAACATTTCTTTTTTTCAGAGTCTCTGTGATTAGGGTACTGCATTCTTCTTTGAACA
TCGCAATGCTGATCTGCCGCTTGCTGCTTTTGGCTGGACAGGGACCAATAAACTTCATGATTCGGCTTTT
TGTAGTGTGTTGATGTTTCGCTTGGTCCGTTGGTGGCATCTACAGCATTCTTGCTGACAGCCAGCCTCCA
AACAGAAAAGCCCTGGCAGTGTATCCTGTCTTTTTATTCTACTTTGTCATCAGTTGGATGATACTCACGT
TCAGCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202877 representing NM_207633
 Red=Cloning site Green=Tags(s)

MAEAEDSPGEQEAASKPLFAGLSDVSIQDPIEGEITIPSRARAQEHDSSTLINESIRRTIMRDLKAVG
 RKFMHVL YPRKSNALLRDWDLWGPIILCVTLALMLQKSSIDGKNDGGGPEFAEVFVIIWFGAVTITLNSK
 LLGGNISFFQSLCVLGYCILPLNIAMLICRLLLLLAGQGPINFMIRLFVLLMFAWSVVASTAFLADSQPP
 NRKALAVYPVFLFYFVISWMILTFTP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207633

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_207633.2](#), [NP_997516.1](#)

RefSeq Size: 5195 bp

RefSeq ORF: 711 bp

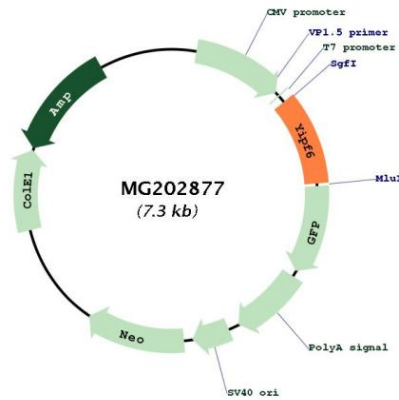
Locus ID: 77929

UniProt ID: [Q8BR70](#)

Cytogenetics: X C3

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

Product images:



Circular map for MG202877