

Product datasheet for **RG201389**

YIPF2 (NM_024029) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YIPF2 (NM_024029) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	YIPF2
Synonyms:	FinGER2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201389 representing NM_024029 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCGGCCGACGAGCTGACCTTCCATGAATTCGAGGAGGCCACTAATCTTCTGGCTGACACCCAG
ATGCAGCCACCACCAGCAGAAGCGATCAGCTGACCCACAAGGGCACGTGGCTGTGGCCGTGGGCTCAGG
TGGCAGCTATGGAGCCGAGGATGAGGTGGAGGAGGAGAGTGACAAGGCCGCGCTCCTGCAGGAGCAGCAG
CAGCAGCAGCAGCCGGATTCTGGACCTCAGCTACTATCAGAGCTTCTTTGACGTGGACACCTCACAGG
TCCTGGACCGGATCAAAGGCTCACTGCTGCCCGGCTGGCCACAACCTTTGTGCGGCACCATCTGCGGAA
TCGGCCGGATCTGTATGGCCCTTCTGGATCTGTGCCAGCTTGGCCTTTGTCTGGCCGTCACCTGGCAAC
CTGACGCTGGTGCTGGCCAGAGGAGGGACCCCTCCATCCACTACAGCCCCAGTCCACAAGGTGACCG
TGGCAGGCATCAGCATCTACTGCTATGCGTGGCTGGTGGCCCTGGCCCTGTGGGGCTTCTCGCGTGGCG
CAAGGGTGTCCAGGAGCGCATGGGGCCCTACACCTTCTGGAGACTGTGTGCATCTACGGTACTCCCTC
TTTGTCTTCATCCCCATGGTGGTCTGTGGTCCATCCCTGTGCCCTGGCTGCAGTGGCTCTTTGGGGCGC
TGGCCCTGGGCTGTGAGCCGCGGGCTGGTATCACCTCTGGCCGCTGGTCCGTGAGGACACCAGGCT
GGTGGCCACAGTGTGCTGCTGCTGCTGCTGCTCCACGCCCTCCTGGCCATGGGCTGTAAGTTGTAC
TTCTTCAGTCTGCTGCCCGGAGAACGTGGCTCCTCCTCCCAATCACATCTCTGCCCTCAAACATCG
CGCTGTCCCTACCTTGGCCGAGTCCCTGGCCCCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG201389 representing NM_024029
Red=Cloning site Green=Tags(s)

MASADELTFHEFEEATNLLADTPDAATTSRSDQLTPQGHVAVAVGSGGSYGAEDEVEEESDKAALLQEQQ
 QQQQPGFWTFSSYYQSFFDVDTSQLVDRIKGSLLPRPGHNFVRHHLRNRPDLYGPFWICATLAFVLAVTGN
 LTLVLAQRDPDSIHYSPOFHKVTVAGISIIYCYAWLVPLALWGFRLWRKGVQERMGPYTFLETVCIIYGYSL
 FVFIPMVVLWLI PVPWLQWLF GALALGL SAAGLVFTLWPVVREDTRLVATVLLSVVLLHALLAMGCKLY
 FFQSLPPENVAPPPQITSLPSNIALSPTLPQSLAPS

TRTRPLE - GFP Tag - V

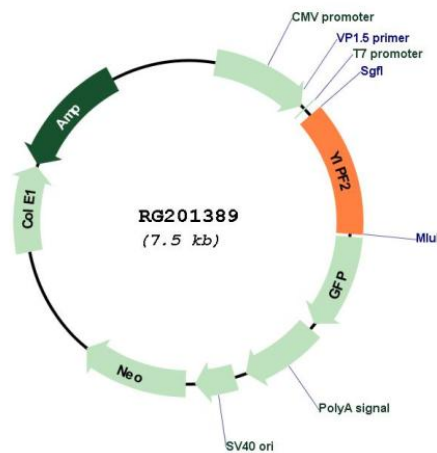
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_024029

ORF Size: 948 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:	<ol style="list-style-type: none"> 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_024029.3 , NP_076934.1
RefSeq Size:	1554 bp
RefSeq ORF:	951 bp
Locus ID:	78992
UniProt ID:	Q9BWQ6
Cytogenetics:	19p13.2
Domains:	Yip1
Protein Families:	Transmembrane