

Product datasheet for **RG211889**

FIP200 (RB1CC1) (NM_001083617) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIP200 (RB1CC1) (NM_001083617) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FIP200
Synonyms:	ATG17; CC1; FIP200; PPP1R131
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG211889 representing NM_001083617 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGC**C

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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

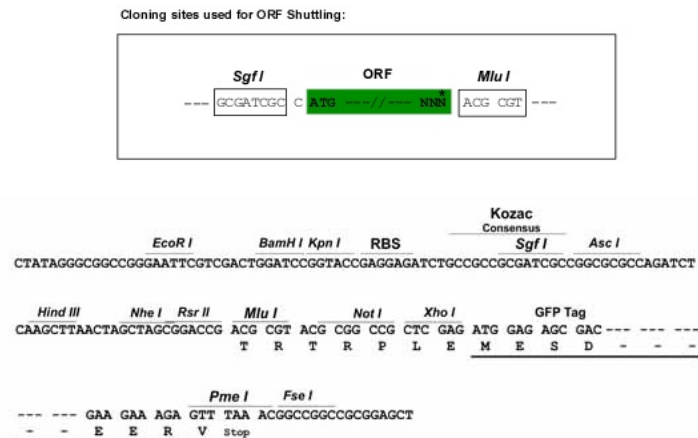
Protein Sequence: >RG211889 representing NM_001083617
 Red=Cloning site Green=Tags(s)

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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

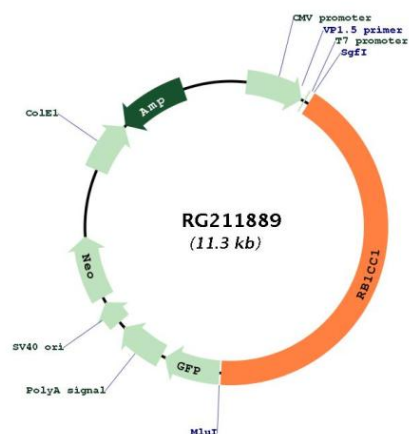


ACCN: NM_001083617

ORF Size: 4773 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_001083617.1 , NP_001077086.1
RefSeq Size:	6661 bp
RefSeq ORF:	4776 bp
Locus ID:	9821
UniProt ID:	Q8TDY2
Cytogenetics:	8q11.23
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene interacts with signaling pathways to coordinately regulate cell growth, cell proliferation, apoptosis, autophagy, and cell migration. This tumor suppressor also enhances retinoblastoma 1 gene expression in cancer cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Nov 2009]

Product images:



Circular map for RG211889