

## Product datasheet for RG230930

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# p53 AIP1 (TP53AIP1) (NM\_001195195) Human Tagged ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** p53 AIP1 (TP53AIP1) (NM\_001195195) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: TP53AIP1

Synonyms: P53AIP1

Mammalian Cell Neomycin

Selection:

Vector:

pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG230930 representing NM\_001195195
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

TCGTCTGGATCTTGGTCCTCAGCAACTGTCTGGATCCTGACAGTGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG230930 representing NM\_001195195

Red=Cloning site Green=Tags(s)

 ${\tt MGSSSEASFRSAQASCSGARRQGLGRGDQNLSVMPPNGRAQTHTPGWVSDPLVLGAQVHGGCRGIEALSV}$ 

SSGSWSSATVWILTVQ

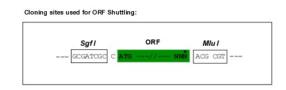
TRTRPLE - GFP Tag - V

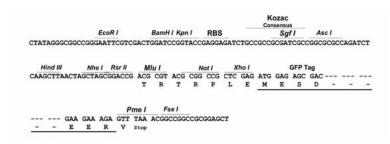
Restriction Sites: Sgfl-Mlul



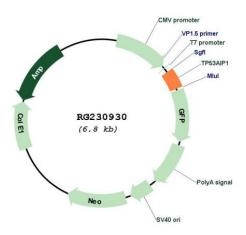


#### **Cloning Scheme:**





#### Plasmid Map:



**ACCN:** NM\_001195195

ORF Size: 258 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



#### p53 AIP1 (TP53AIP1) (NM\_001195195) Human Tagged ORF Clone - RG230930

**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: <u>NM 001195195.1</u>, <u>NP 001182124.1</u>

RefSeq Size: 1255 bp
RefSeq ORF: 261 bp
Locus ID: 63970
UniProt ID: Q9HCN2
Cytogenetics: 11q24.3

Protein Families: Druggable Genome

**Protein Pathways:** p53 signaling pathway

**Gene Summary:** This gene is specifically expressed in the thymus, and encodes a protein that is localized to

the mitochondrion. The expression of this gene is inducible by p53, and it is thought to play an important role in mediating p53-dependent apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq,

Oct 2011]