

Product datasheet for **RG231451**

p53 BP3 (TOPORS) (NM_001195622) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	p53 BP3 (TOPORS) (NM_001195622) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	p53 BP3
Synonyms:	LUN; P53BP3; RP31; TP53BPL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG231451 representing NM_001195622
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

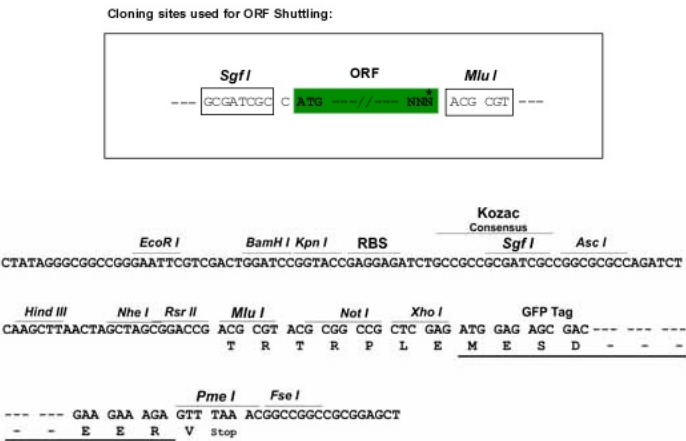
Protein Sequence: >RG231451 representing NM_001195622
 Red=Cloning site Green=Tags(s)

MIMASAAKEFKMDNFSKAGTSKLQQTVPADASPSKCPICLDRFDNVSYLDRCLHKFCFRVCQEWSKNK
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 IKSKKEEKRSTLSPPRNLNSSVRGDRVYSPYNHRHRKGRSRSSDSRSQSRSGHDQKNHRKHHGKKRMK
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 VVITIDSDSKDSEVKEDTECDNSGPQDPLQNEFLAPSLPEFETKDVVTIEAEFGVLDKECDIATLSNNL
 NNANKTVDNIPPLAASVEQTLDVREESTFVSDLENQPSNIVSLQTEPSRQLPSPRTSLMSVCLGRDCDMS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:

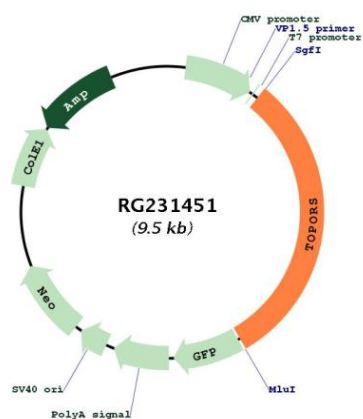


ACCN: NM_001195622

ORF Size: 2940 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_001195622.1 , NP_001182551.1
RefSeq Size:	3988 bp
RefSeq ORF:	2943 bp
Locus ID:	10210
UniProt ID:	Q9NS56
Cytogenetics:	9p21.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a nuclear protein which is serine and arginine rich, and contains a RING-type zinc finger domain. It is highly expressed in the testis, and functions as an ubiquitin-protein E3 ligase. Mutations in this gene are associated with retinitis pigmentosa type 31. Alternatively spliced transcript variants, encoding different isoforms, have been observed for this locus. [provided by RefSeq, Sep 2010]

Product images:



Circular map for RG231451