

Product datasheet for RC231451L4

OriGene Technologies, Inc.

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

Product data:

Product Type: Expression Plasmids

Product Name: p53 BP3 (TOPORS) (NM_001195622) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: p53 BP3

Synonyms: LUN; P53BP3; RP31; TP53BPL

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC231451).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001195622

ORF Size: 2940 bp





p53 BP3 (TOPORS) (NM_001195622) Human Tagged Lenti ORF Clone - RC231451L4

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: <u>NM 001195622.1</u>, <u>NP 001182551.1</u>

 RefSeq ORF:
 2943 bp

 Locus ID:
 10210

 UniProt ID:
 Q9NS56

 Cytogenetics:
 9p21.1

Protein Families: Druggable Genome

MW: 112.8 kDa

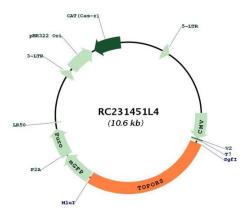
Gene Summary: This gene encodes a nuclear protein which is serine and arginine rich, and contains a RING-

type zinc finger domain. It is highly expressed in the testis, and functions as an ubiquitinprotein 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 RC231451L4