

Product datasheet for RR200158L3

Tp63 (NM_001127341) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tp63 (NM_001127341) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Tp63

Synonyms: Ket; P73l; Tp73l; Trp63

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

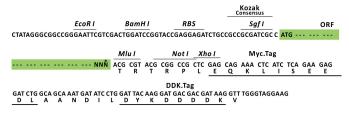
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR200158).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001127341

ORF Size: 1461 bp



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Tp63 (NM_001127341) Rat Tagged Lenti ORF Clone - RR200158L3

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 001127341.1</u>, <u>NP 001120813.1</u>

 RefSeq Size:
 1611 bp

 RefSeq ORF:
 1464 bp

 Locus ID:
 246334

 UniProt ID:
 Q9||P6

 Cytogenetics:
 11q22

Gene Summary: This gene encodes tumor protein p63, a member of the p53 family of transcription factors

involved in cellular responses to stress and development. The family members include p53, p63, and p73, which have high sequence similarity to one another. This similarity allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways, including direct and indirect protein interactions. This results in mutual regulation of target gene promoters. Both alternative splicing and the use of alternative promoters result in multiple transcript variants

encoding different protein isoforms.[provided by RefSeq, Dec 2009]