

Product datasheet for RR200160L4

TP63 (NM_001127343) Rat Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tp63 (NM_001127343) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Tp63
Synonyms:	Ket; P73I; Tp73I; Trp63
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200160).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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Locus ID: 246334

UniProt ID: [Q9JJP6](#)

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]