

Product datasheet for **RC231725**

TP53TG3C (NM_001205259) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	TP53TG3C
Synonyms:	TP53TG3; TP53TG3E; TP53TG3F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC231725 representing NM_001205259
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGCCTCACCTGCATCTCCAGCCCGCAGCCAGCTGGCATCCTAGACCCTCTGCCCTGCGACCAA
CAGCCGGGAGCGGACCAGACACCACTCCCGAACGGTTGAAGACGGTTCGCTCCCTGTCCCGCCTT
TCGACGCCAGCAGTTTCGCCCTGCGGAGAGGAGCCTTGCTGTTTCCAATCTCTCTGCTGAAGAGACA
TTGGAGCTAGGGCGGCTAGTTTCACCTGGTAATTGTGACACCCTGTCTCCTCGAGCTGCAGGCTTTATG
CTTGTCATGTTTGAAGTTTGATACCTTGAGATCAACAAAGGCGCGTGGCCTCTACTGCCTCCGCGGC
AGGGTTGTCAAGTTTTTCAGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231725 representing NM_001205259
Red=Cloning site Green=Tags(s)

MRASPCISQPAASWHPRPSALRPTAGSGPDTRTPGTVEDGSAPCPAFRSPAVSPCGEPPCCFQISPAEET
LELGRVLSPGNCDTLPRAAGFYACHVRSILPCRSTKGRWPLTASAAGLSSFSG

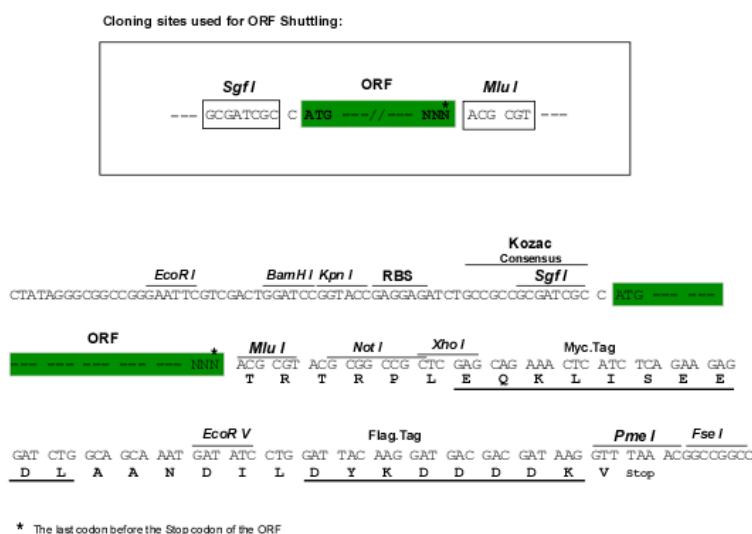
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8104_b04.zip

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001205259

ORF Size: 372 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:

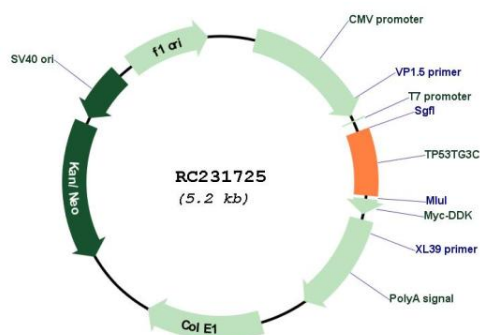
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22µm filter is required.

RefSeq: NM_001205259.2

RefSeq Size:	869 bp
RefSeq ORF:	375 bp
Locus ID:	653550
UniProt ID:	<u>Q9ULZ0</u>
Cytogenetics:	16p11.2
MW:	12.8 kDa

Product images:



Circular map for RC231725