

Datasheet for ABIN4934402

Human TP53TG5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TP53TG5
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human TP53TG5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	873 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGTCCAT CAGCAAAGAA GAGGCCCAAG AACAGCAGGG TTTCCAAGAT GCAAGATGAG AAACTGCGGG ACGAGACAGA GCAGCCTGTG AGCAAAGTAA TTGAGCGGAA CCGTCTGAGA ACGGTGTTAA AAAACTTGTC GCTCTTGAAG CTACTIONAAGA GCTCAAACCG CCGGATCCAA GAACTGCATA AGCTGGCCAA AAGGTGTTGG CATTCACTGC TCAGTGTTC AAAGATTCTC

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Product Details

CGCATCTCCT CTGGGGAAAA CAGTGCCTGC AATAAAACAA AACAAAATAA TGAAGAGTTC
CAGGAGATCG GGTGCTCCGA GAAGGAACTC AAGTCCAAGA AATTAGAGTC CACAGGGGAC
CCTAAGAAAA AAGAGTACAA GGAGTGGAAG TCCCAGGTGC AGTCAGGGAT GAGGAACAAG
GAGAAAACGT CATTGGCGGC AATGCCACGG AAAGAAAAGC ATATAGAGCC TGAGGTTCCA
AGGACATCGA GGGATGATAG CTTGAACCCT GGAGTCCAGG GGAGGCAACC ACTCACCGAG
GGCCCCGAG TCATCTTCAT TAAGCCCTAC CGCAATAGAA CTCCCATGGG GCACATGAAG
CAGCTGGATG TAGCCGACCA GTGGATCTGG TTTGAGGGGC TGCCCACACG AATCCACCTC
CCGGCGCCCA GGGTGATGTG CAGATCCTCC ACCCTGCGTT GGGTCAAGCG CCGCTGCACC
CGCTTCTGCT CCGCATCACT TGAAATGCCT ATGTGGCATC CATAAAGGT TGATGTGACC
TGGACGAGAG CCAGAGGTGC GAGCAGAGGG TGGAGATCGC GCCATCAGCT GAAGGGGAGG
AATGGGTGGC GAAATTCACG AGTCTACAAA TAA

Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none">• Forward primer: 5'-TAATACGACTCACTATAGGG-3'• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	TP53TG5
Alternative Name:	TP53TG5 (TP53TG5 Products)
Gene ID:	27296
NCBI Accession:	NM_014477

Application Details

Restrictions:	For Research Use only
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Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)