

Datasheet for ABIN4936136

Human PTTG2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | PTTG2 |
| 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 PTTG2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 576 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGGCTACTC TGATCTACGT TGATAAGGAA ATTGGAGAAC CAGGCACCCG TGTGGCTGCC AAGGATGTGC TGAAGCTGGA GTCTAGACCT TCAATCAAAG CATTAGATGG GATATCTCAA GTTTTAACAC GACGTTTTGG CAAAACATAC GATGCTCCAT CAGCCTTACC TAAAGCTACC AGAAAGGCTT TGGGCACTGT CAACAGAGCT ACAGAAAAGT CAGTAAAGAC CAATGGACCC AGAAAACAAA AACAGCCAAG CTTTTCTGCC AAAAAGATGA CCGAGAAGAC TGTTAAAACA |

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Product Details

AAAAGTTCTG TTCCTGCCTC AGATGACGCC TATCCAGAAA TAGAAAAATT CTTTCCCTTC
AATCTTCTAG ACTTTGAGAG TTTTGACCTG CCTGAAGAGC GCCAGATTGC ACACCTCCCC
TTGAGTGGAG TGCCTCTCAT GATCCTTGAT GAGGAGGGAG AGCTTGAAAA GCTGTTTCAG
CTGGGCCCCC CTTACCTGT GAAAATGCC TCTCCACCAT GGAATGCAA TCTGTTTGCA
GTCTCCTTCA AGCATTCTGT CGACCCTGGA TGTTGA

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:

- 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: PTTG2

Alternative Name: PTTG2 ([PTTG2 Products](#))

Gene ID: 10744

NCBI Accession: [NM_006607](#)

Application Details

Restrictions: For Research Use only

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.

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Handling

- 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)