

Datasheet for ABIN4936865

Human PAGE1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PAGE1
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 PAGE1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	441 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGGTTTTTC TAAGAAGATT AATCTATCGG CGTAGACCAA TGATCTATGT AGAATCTTCT</p> <p>GAGGAGTCCA GTGATGAGCA ACCTGACGAA GTGGAATCAC CAACTCAAAG TCAGGATTCT</p> <p>ACACCTGCTG AAGAGAGAGA GGATGAGGGA GCATCTGCAG CTCAAGGGCA GGAGCCTGAA</p> <p>GCTGATAGCC AGGAACTGGT TCAGCCAAAG ACTGGGTGTG AGCTTGGAGA TGGTCCTGAT</p> <p>ACCAAGAGGG TGTGCCTGCG AAATGAAGAG CAGATGAAAC TGCCCGCAGA AGGGCCAGAG</p>

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Product Details

CCTGAAGCGG ATAGCCAGGA ACAGGTTAC CCGAAGACTG GGTGTGAGCG CGGAGATGGT
CCTGATGTCC AGGAGTTGGG CCTGCCAAAT CCAGAGGAGG TGAAAACACC TGAGGAAGAT
GAAGGGCAAT CACAGCCTTA A

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: PAGE1

Alternative Name: PAGE1 ([PAGE1 Products](#))

Background: This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. Unlike the other gene family members, this gene does not encode an antigenic peptide. Nothing is presently known about the function of this protein. [provided by RefSeq, Jul 2008].

Gene ID: 8712

NCBI Accession: [NM_003785](#)

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.

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Handling

- 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)