

Datasheet for ABIN4927969

Human KRTAP29-1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	KRTAP29-1
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 KRTAP29-1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1026 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCAGACG GCTGTTGTCC TGGAAACACC ACAGCCATTC CAGCTGTGCC CACCATCACC ACATACCCAG TTAAGGTGG ATTTGACAT GCTCTCTGTT TGCCTAGTTC CTGCCACAGC AGAATGTGGC AACTGGTCAC ATGCCAAGAA AGCTGTCAGC CATCCATTGG TGCCCCAAGT GGCTGTGATC CTGCTTCGTG TCAACCTACC CGCCTTCCAG CAACGTCTTG TGTGGGTTTT

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Product Details

GTTTGCCAAC CTATGTGCTC CCACGCAGCC TGCTATCAGT CTGGCACTGG TCAGTCTCCT
TGTCTGGTTA GTCATGTCA GCCATCCTGC TCGGAATCTA CTTGTTGTCA GGAAAAGTGC
TGCGATGCCA GTCCCTGCCA GCAAAGCTCC TGCCAGGAAT CTGTCTGCAT GTCTGGATCA
TGTCAGGCAG CTTGTGGCCA ATCAGTCTGC TGTGATGCTG GATCCTGCCA GCCATCCTGC
TCTGAAGTGA CCTCCTGTCC GGAAACTTCT TGCCTACCAA CCATCTGTAC AGCTAGTCCA
TGCCAACCAA CTTGGTGCCA AGGAAGTTCA TGTCAACCCG TCAGTGGTGA AGGCCAGCCC
TGAAATCAA CTTATTATCA ACCCATCTGC TATATTTTCA AGCCTTGCCA ATCAGCCCTC
TACATGCCTG TTCCCTGCCA GCCATCGACT TGTGTGTTCA GTTCTTGCAA TACTACTTGC
TGTGTGCCTT CCCATTGCCA GCCACCTCAC TGCCAACTGG TTCCTTCCAC ATGCTTCATC
TACCAGCCAG TGGCTAACTG CCAGGCCCT TGTTCACAA AGAACTGTTG CAAACCAGCT
TCTTGTGACA CTGTGATTTT TGGCCAACCA ACTTGTGATG GACCCCTTC CTATAACCAG
AGTGGCTGCA AATCAGCTTG CTGTGTGACT GGTTTAGGCA CATCACCCAG TAGTGGCTCC
AATTGCTTGC CGACTTCATG CCAACCCAGC TGTGAGTCCA GCTTCTGCAA GGCAACAATT
TGTTAA

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: KRTAP29-1

Alternative Name: KRTAP29-1 ([KRTAP29-1 Products](#))

Gene ID: 100533177

NCBI Accession: [NM_001257309](#)

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)