

Datasheet for ABIN4928008

Human KRT6C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	Keratin 6C (KRT6C)
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 KRT6C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1695 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCAGCA CATCCACCAC CATCAGGAGC CACAGCAGCA GCCGCCGGGG TTTCAGTGCC AACTCAGCCA GGCTCCCTGG GGTCAGCCGC TCTGGCTTCA GCAGCATCTC CGTGTCCCGC TCCAGGGGCA GTGGTGGCCT GGGTGGTGCA TGTGGAGGAG CTGGCTTTGG CAGCCGCAGT CTGTATGGCC TGGGGGGCTC CAAGAGGATC TCCATTGGAG GGGGCAGCTG TGCCATCAGT GGCGGCTATG GCAGCAGAGC CGGAGGCAGC TATGGCTTTG GTGGCGCCGG GAGTGGATTT

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GGTTTCGGTG GTGGAGCCGG CATTGGCTTT GGTCTGGGTG GTGGAGCCGG CCTTGCTGGT
GGCTTTGGGG GCCCTGGCTT CCCTGTGTGC CCCCTGGAG GCATCCAAGA GGTACCCGTC
AACCAGAGTC TCCTGACTCC CCTCAACCTG CAAATTGACC CCGCCATCCA GCGGGTGCGG
GCCGAGGAGC GTGAGCAGAT CAAGACCCTC AACACAAGT TTGCCTCCTT CATCGACAAG
GTGCGGTTCC TAGAGCAGCA GAACAAGGTT CTGGACACCA AGTGGACCCT GCTGCAGGAG
CAGGGCACCA AGACTGTGAG GCAGAACCTG GAGCCGTTGT TCGAGCAGTA CATCAACAAC
CTCAGGAGGC AGCTGGACAG CATCGTCGGG GAACGGGGCC GCCTGGACTC GGAGCTGAGA
AACATGCAGG ACCTGGTGA GAACCTCAAG AACAAATATG AGGATGAAAT CAACAAGCGC
ACAGCAGCAG AGAATGAATT TGTGACTCTG AAGAAGGATG TGGATGCTGC CTACATGAAC
AAGGTTGAAC TGCAAGCCAA GGCAGACACT CTCACAGATG AGATCAACTT CCTGAGAGCC
TTGTATGATG CAGAGCTGTC CCAGATGCAG ACCCACATCT CAGACACATC CGTGGTGCTA
TCCATGGACA ACAACCGCAA CCTGGACCTG GACAGCATCA TCGCTGAGGT CAAGGCCCAA
TACGAGGAGA TTGCTCAGAG GAGCCGGGCT GAGGCTGAGT CCTGGTACCA GACCAAGTAC
GAGGAGCTGC AGGTCACAGC AGGCAGACAT GGGGACGACC TGCGCAACAC CAAGCAGGAG
ATTGCTGAGA TCAACCGCAT GATCCAGAGG CTGAGATCTG AGATCGACCA TGTCAAGAAG
CAGTGTGCCA GCCTGCAGGC TGCCATTGCT GATGCTGAGC AGCGTGGGGA GATGGCACTC
AAGGATGCTA AGAACAAGCT GGAAGGGCTG GAGGATGCCC TGCAGAAGGC CAAGCAGGAC
CTGGCCCGGC TGCTGAAGGA GTACCAGGAG CTGATGAATG TCAAGCTGGC CCTGGATGTG
GAGATCGCCA CCTACCGCAA GCTGCTGGAG GGCGAGGAGT GCAGGCTGAA TGGCGAAGGC
GTTGGACAAG TCAACGTCTC TGTAGTACAG TCCACCATCT CCAGTGGCTA TGGCGGTGCC
AGCGGTGTCG GCAGTGGCTT AGGCCTGGGT GGAGGAAGCA GCTACTCCTA TGGCAGTGGT
CTTGGCATTG GAGGTGGCTT CAGTTCCAGC AGTGGCAGAG CCATTGGGGG TGGCCTCAGC
TCTGTTGGAG GCGGCAGTTC CACCATCAAG TACACCACCA CCTCCTCCTC CAGCAGGAAG
AGCTACAAGC ACTAA

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: Keratin 6C (KRT6C)

Alternative Name: KRT6C ([KRT6C Products](#))

Background: Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. The type II keratins are clustered in a region of chromosome 12q13. [provided by RefSeq, Jul 2009].

Gene ID: 286887

NCBI Accession: [NM_173086](#)

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.
- 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)