

Datasheet for ABIN4944222

Human CTAGE4 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CTAGE4
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 CTAGE4 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2334 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGGAGC CTGGTGCTAC CCCTCAGCCC TACCTGGGGC TGGTCCTGGA GGAGCTACGC AGAGTTGTGG CAGCACTACC TGAGAGTATG AGACCAGATG AGAATCCTTA TGGTTTTCCA TCGGAAGTGG TGGTATGTGC AGCTGTTATT GGATTTTTTG TTGTTCTCCT TTTTTTGTGG AGAAGTTTTA GATCGGTTAG GAGTCGGCTT TACGTGGGAA GAGAGCAAAA ACTTGGTGCA ACGCTTTCTG GACTAATTGA AGAAAAATGT AAACACTTG AAAAGTTTAG CCTTATTCAA

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AAAGAGTATG AAGGCTATGA AGTAGAGTCA TCTTTAGAGG ATGCCAGCTT TGAGAAGGCG
GCAGCAGAAG AAGCACGAAG TTTGGAGGCA ACCTGTGAAA AGCTGAACAG GTCCAATTCT
GAACTTGAGG ATGAAATCCT CTGTCTAGAA AAAGACTTAA AAGAAGAGAA ATCTAAACAT
TCTCAACAAG ATGAATTGAT GCGGATATT TCAAAAAGTA TACAGTCTCT AGAAGATGAG
TCAAAATCCC TCAAAATCACA AATAGCTGAA GCCAAAATCA TCTGCAAGAC ATTTAAAATG
AGTGAAGAAC GACGGGCTAT AGCAATAAAA GATGCTTTGA ATGAAAATTC TCAACTTCAG
ACAAGCCATA AACAGCTTTT TCAGCAAGAA GCTGAAGTAT GGAAAGGAGA AGTGAGTGAA
CTTAATAAAC AGAAAATAAC ATTTGAAGAC TCCAAAGTGC ACGCAGAACA AGTTCTGAAT
GATAAAGAAA ATCACATCAA GACCCTGACT GGACACTTGC CAATGATGAA AGATCAGGCT
GCTGTGCTTG AAGAAGACAC AACGGATGAT GATAACCTGG AATTAGAAGT GAACAGTCAA
TGGGAAAATG GTGCTAECTT AGATGATCCT CTGAAAGGAG CTTTGAAGAA ACTGATTCAT
GCTGCTAAGT TAAATGTTTC TTTAAAAGC TTAGAAGGAG AAAGAAACCA CATTATTATT
CAGTTATCTG AAGTGGACAA AACAAAGGAA GAGCTTACAG AGCATATTAA AAATCTTCAG
ACTCAACAAG CATCTTTGCA ATCAGAAAAC ATATATTTTG AAAGTGAGAA TCAGAAGCTT
CAACAGAAAAC TTAAAATAAT GACTGAATTC TATCAAGAAA ATGAAATGAA ACTCTACAGG
AAATTAACAG TGGAGGAAAA TTACCGAATA GAGGAAGAAG AGAAGCTTTC TAGAGTGGAA
GAAAAGATCA GCCGTGCCAC TGAAGGGCTG GAGACCTATA GAAAGCTAGC CAAAGATCTT
GAAGAAGAAT TGGAGAGAAC TGTTCATTTT TATCAAAGC AGGTTATTTT CTACGAGAAA
AGAGGACATG ATAATTGGTT GGCAGCTCGG ACTGCTGAAA GAAACCTCAG TGATTTAAGG
AAAGAAAATG CTCACAACAA ACAAAAATTA ACTGAAACAG AGTTGAAATT TGAACTTTTA
GAAAAAGATC CTAATGCACT CGATGTTTCA AATACAGCAT TTGGCAGAGA GCATTCCCCA
TGTAGTCCCT CACCATTGGG TCGGCCTTCA TCTGAAACGA GAGCTTTTCC CTCTCCTCAA
ACTTTGTTGG AGGATCCACT CAGACTCTCA CCTGTGCTTC CAGGGGGAGG AGGAAGAGGC
CCAAGCAGCC CAGGGAATCC CCTGGACCAT CAGATTACCA ATGAAAGAGG AGAACCAAGC
TATGACAGGT TAATCGATCC TCACAGGGCT CTTCTGACA CTGGGTCCCT GTCATCTCCG
GTGGAACAGG ACCGTAGGAT GATGTTTCCT CCACCAGGGC AATCATATCC TGATTCAACT
CTTCTCCAC AAAGGGAAGA CAGATTTTAT TCTAATTCTG AAAGACTGTC TGGACCAGCA
GAACCCAGAA GTTTTAAAAT GACTTCTTTG GATAAAATGG ATAGGTCAAT GCCTTCAGAA
ATGGAATCCA GTAGAAATGA TGCCAAAGAT GATCTTGTA ATTTAAATGT GCCTGATTCA
TCTCTCCCTG CTGAAAATGA AGCAACTGGC CCTGGCCTTA TTCCTCCACC TCTTGCTCCA
ATCAGCGGTC CATTGTTTCC AGTGGATACA AGGGGCCCGT TCATGAGAAG AGGACCTCCT
TTCCCCCAC CTCCTCAGG AACCATGTTT GGAGCTTCTC GAGGTTATTT TCCACCAAGG
GATTTCCAG GTCCACCACA TGCTCCATTT GCAATGAGAA ACATCTATCC ACCGAGGGGT
TTACCTCCTT ACCTTCATCC GAGACCTGGA TTTTACCCCA ACCCCACATT CTGA

Specificity:

ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning

Product Details

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: CTAGE4

Alternative Name: CTAGE4 ([CTAGE4 Products](#))

Gene ID: 100128553

NCBI Accession: [NM_198495](#)

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

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Publications

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