

Datasheet for ABIN4944223

Human CTAGE15 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CTAGE15
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 CTAGE15 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 CCGGTGCTAC CCCTCAGCCC TACCTGGGGC TGGTCCTGGA GGAGCTACGC AGAGTTGTGG CAGCACTACC TGAGAGTATG AGACCAGATG AGAATCCTTA TGGTTTTCCA TCGGAAGTGG TGGTATGTGC AGCTGTTATT GGATTTTTTG TTGTTCTCCT TTTTTTGTGG AGAAGTTTTA GATCGGTTAG GAGTCGGCTT TACGTGGGAA GAGAGCAAAA ACTTGGTGCA

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ACGCTTTCTG GACTAATTGA AGAAAAATGT AAACACTTG AAAAGTTTAG CCTTATTCAA
AAAGAGTATG AAGGCTATGA AGTAGAGTCA TCTTTAGAGG ATGCCAGCTT TGAGAAGGCG
GCAGCAGAAG AAGCACGAAG TTTGGAGGCA ACCTGTGAAA AGCTGAACAG GTCCAATTCT
GAACTTGAGG ATGAAATCCT CTGTCTAGAA AAAGACTTAA AAGAAGAGAA ATCTAAACAT
TCTCAACAAG ATGAATTGAT GGC GGATATT TCAAAAAGTA TACAGTCTCT AGAAGATGAG
TCAAAATCCC TCAATCACA AATAGCTGAA GCCAAAATCA TCTGCAAGAC ATTTAAAATG
AGTGAAGAAC GACGGGCTAT AGCAATAAAA GATGCTTTGA ATGAAAATTC TCAACTTCAG
ACAAGCCATA AACAGCTTTT TCAGCAAGAA GCTGAAGTAT GGAAAGGACA AGTGAGTGAA
CTTAATAAAC AGAAAATAAC ATTTGAAGAC TCCAAAGTAC ACGCAGAACA AGTTCTGAAT
GATAAAGAAA ATCACATCAA GACCCTGACT GGACACTTGC CAATGATGAA AGATCAGGCT
GCTGTGCTTG AAGAAGACAC AACGGATGAT GATAACCTGG AATTAGAAGT GAACAGTCAA
TGGGAAAATG GTGCTAACTT AGATGATCCT CTGAAAGGAG CTTTGAAGAA ACTGATTCAT
GCTGCTAAGT TAAATGTTTC TTTAAAAGC TTAGAAGGAG AAAGAAACCA CATTATTATT
CAGTTATCTG AAGTGGACAA ACAAAGGAA GAGCTTACAG AGCATATTAA AAATCTTCAG
ACTCAACAAG CATCTTTGCA ATCAGAAAAC ATATATTTTG AAAGTGAGAA TCAGAAGCTT
CAACAGAAAC TAAAATAAT GACTGAATTC TATCAAGAAA ATGAAATGAA ACTCTACAGG
AAATTAACAG TGGAGGAAAA TTACCGAATA GAGGAAGAAG AGAAGCTTTC TAGAGTGGAA
GAAAAGCTCA GCCGTGCCAC TGAACAGCTG GAGACCTATA GAAAGCTAGC CAAAGATCTT
GAAGAAGAAT TGGAGAGAAC TGTTCAATTTT TATCAAAAGC AGGTTATTTT CTACGAGAAA
AGAGGACATG ATAATTGGTT GGCAGCTCGG ACTGCTGAAA GAAACCTCAG TGATTTAAGG
AAAGAAAATG CTCACAACAA ACAAAAATTA ACTGAAACAG AGTTGAAATT TGAACTTTTA
GAAAAGATC CTAATGCACT TGATGTTTCA AATACAGCAT TTGGCAGAGA GCATGCCCCG
AATGGTCCCG CACCATTGGG TCAGCGTTCA TCTGAAACGA GAGCTTTTCT CTCTCCTCAA
ACTTTGTTGG AGGATCCACT GGGACTCTCA CCTGTGCTTC CGGAGGGAGG AGGAAGAGGC
CCAAGAGGCC CAGGGAATCC CCTGGACCAT CAGATTACCA ATGAAAGAGG AGAACCAAGC
TGTGACAGGT TAACCGATCC TCACAGGGCT CTTCTGACA CTGGGTCCCT GTCATCTCCG
GTGGAACAGG ACTGTAAGAT GATGTTTCCT CCACCAGGAC AATCATATCC TGATTCAGCT
CTTCTCCTC AAAGGGAAGA CAGATTTTAT TCTAATTCTG AAAGACTGTC TGGATCAGCA
GAACCCAGAA GTTTTAAAAT GACTTCTTTG GATAAAATGG ATGGGTCAAT GCCTTCAGAA
ATGGAATCCA GTAGAAATGA TGCCAAAGAT GATCTTGGA ATTTAAATGT GCCTGATTCA
TCTCTCCCTG CTGAAAATGA AGCAACTGGC CCTGGCTTTA TTCCTCCACC TCTTGCTCCA
GTCAGAGGAC CATTGTTTCC AGTGGATACA AGGGGCCCGT TCATGAGAAG AGGACCTCCT
TTCCCCCAG CTCCTCCAGG AACCATGTTT GGAGCTTCTC GAGGTTATTT TCCACCAAGG
GATTTCCAG GTCCACCACA TGCTCCATTT GCAATGAGAA ACATCTACCC ACCGAGGGGT
TTACCTCCTT ACTTTCACCC GAGACCTGGA TTTTACCCCA ACCCCGCATT CTGA

Product Details

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:	CTAGE15
Alternative Name:	CTAGE15
Gene ID:	441294
NCBI Accession:	NM_001008747

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• 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)