

Datasheet for ABIN4946099

Human CEP128 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CEP128
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 CEP128 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	3285 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCAGAAT CATCCAGCGA ATCAGATCAC TTCCGCTGTC GTGACCGATT GAGTCCATGG GCTGCCAGAT CAACGCACAG GGGAACTCGA AGTCTTCTTA CAGTAGAAGT TACCGAGAAG GTCAACACTA TAACAAGTAC TTTACAGGAT ACCAGTCGGA ACCTGCGACA AGTGGACCAG ATGCTTGGAC GATACCGAGA ATACAGTAAT GGACAGGCGG GTGCGATAGA ACATTTAAAA GAAAGCTTGG AACAATCAAT CGACCAACTC CGGAGTCAAC GTTTATTGAG AAACCTCAGGA

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GGGAGAAGTA TTTCTGTTAC AAGTTTGAGT GCAAGTGACC TTGATGGTGG CACTGGGTCA
GAGCTCCATC ATTTTCCACC TACCTCACCT CTCAAGGACT ATGGGGATCC ACAGGGTATT
AAACGAATGA GATCAAGAAC TGGTGTCCGG TTTGTTCAAG AACTGATGA TATGACTCAG
CTTCATGGTT TTCATCAGTC TCTTCGAGAC CTCAGCAGTG AACAAATTCG CCTTGGAGAT
GATTTCAACA GGGAGCTTTC CAGAAGGAGC CGGTCAGATG CCGAAACAAA AAGGGCTTTG
GAAGAATTGA CTGAAAACT TAATGAAGCC CAGAAACAAG AAGTGGTTTC AGATCGGGTG
GAGCGGCGGC TTCAGGAACT GGAGAGAGAG ATGCGCACAG AAAGGGAGCT GGTGGAAGA
CGCCAGGATC AACTGGGACT CATGTCCCTG CAGCTACAGG AGGCACTAAA GAAACAAGAA
GCTAAAGCAG ATGAGCATGA GGGGGCAATA AAAAATAAGC TAAGACAAAC TGAAACTGAG
AAGAATCAAC TTGAACAGGA ATTGGAGCTA TCTCGAAGGT TATTGAATCA ATCAGAAGGC
AGCCGAGAAA CACTTTTGCA TCAGGTAGAA GAACTGCGTA CACAACCTAC GAAAGCAGAA
GGTGATCGAA AGGGTTTACA GCATCAAGTA TCTCAGATTT CCAAGCAACA GTCAAACAT
CAGGATGAAC AAGGGGAGGA CTGGAGATTT AGGAGAGGGG TTGAGCGGGA AAAACAGGAC
CTGGAGAAGC AAATGTCAGA TTTGAGAGTG CAGCTGAACT TCAGCGCAAT GGCATCTGAG
TTAGAGGAAG TGAAACGGTG CATGGAGAGA AAAGACAAGG AGAAAGCACA TTTGGCATCA
CAAGTAGAGA ATTTAACACG TGAAGTGGAG AATGGGGAAA AACAGCAACT GCAGATGTTG
GATCGACTTA AGGAGATCCA GAATCACTTT GACACATGTG AGGCCGAGCG TAAGCATGCT
GACCTTCAGA TCTCAGAGCT GACTCGCCAT GCGGAGGATG CAACCAAGCA GGCTGAGCGG
TACCTCAGTG AGCTCCAGCA GTCAGAGGCT CTGAAAGAGG AGGCCGAGAA GAGGAGGGAA
GACCTGAAAC TGAAAGCTCA AGAATCCATT AGGCAGTGGA AGCTTAAGCA TAAGAAGTTA
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AATCTTCGAA AGGAATTGAA TGATGTCCTA ACAAAGCGTG CCCTTCAGGA GGAGGAGCTT
CACTCCAAGG AGGAGAAATT ACGTGATATT AAGTCTCATC AAGCTGACCT TGAATTGGAA
GTTAAGAATT CCCTGGATAC CATCCATAGA CTGGAGAGCG AATTGAAAAA GCAGAGTAAG
ATCCAAAGCC AGATGAAAGT TGAGAAAGCT CACTTGGAGG AAGAAATTGC AGAGCTCAAG
AAGAGCCAGG CCCAGGACAA AGCTAAACTT CTTGAGATGC AAGAGTCCAT CAAGGACCTG
AGTGCCATCC GAGCAGATCT TGCTAATAAAA TTGGCTGAGG AAGAGAGAGC CAAGAAAGCA
GTGCTTAAGG ACCTTTCTGA CCTCACTGCA CAGGCAAAAT CCAGGGATGA AGAAACAGCT
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ACATCATCAT TGCAGAGTGT GAAAACAAAA CACGAACAGA ATATCCAGGA GCTTATGAAG
CACTTTAAGA AAGAAAAGAG TGAGGCTGAG AATCATATCA GGAATCTGAA GGCTGAAAGT
TTAGAAGAGA AGAATATGGC TAAAATTCAT CGTGGTCAGC TGGAGAAGTT GAAATCACAG
TGTGACAGAC TGACAGAGGA ATTAACCCAG AATGAAAATG AGAACAAAAA ACTGAAGCTA
AAATATCAAT GTTTGAAGGA TCAACTAGAA GAAAGGGAAA AACATATAAG CATTGAAGAG
GAGCACTTAA GGAGGATGGA AGAGGCCAGA TTGCAGCTCA AGGATCAACT TCTTTGCTTG

Product Details

GAGACTGAAC AGGAATCCAT TCTTGGTGTG ATAGGAAAGG AAATTGATGC AGCTTGATAA
ACATTCTCCA AGGACTCAGT GGAGAAATTA AAAGTTTTTT CATCTGGTCC TGATATACAT
TATGACCCAC ATCGCTGGTT AGCAGAAAAGC AAGACTAAAC TTCAGTGGCT CTGTGAGGAA
CTGAAAGAGA GAGAAAACAG AGAGAAAAAT CTGCGACACC AGCTGATGCT CTGCAGACAA
CAACTCAGGA ATTTGACTGA AAACAAGGAA TCTGAGTTGC AGTGTCTCTT TCAACAGATA
GAAAGGCAGG AGCAGCTTCT GGATGAAATA CATCGTGAGA AGAGAGATCT ACTGGAAGAG
ACCCAAAGAA AAGATGAAGA AATGGGATCT CTGCAGGACC GTGTAATTGC ATTAGAAACG
AGTACCCAAG TGGCCTTGGA CCATCTGGAG TCTGTGCCTG AGAACTGAG CCTACTAGAA
GATTTCAAAG ACTTCAGAGA TTCCTGCAGT TCATCTGAGA GAACTGATGG AAGATATTCC
AAATACAGGG TTCGCAGAAA TTCTCTTCAG CATCACCAAG ATGACACCAA GTACAGAACC
AAAAGTTTCA AAGGTGACAG AACCTTTCTG GAAGGTTCCC AACTCGTGG GTTAGATCAC
TCATCTCTT GGCAGGATCA CAGTCGCTTC CTGTCTAGTC CAAGATTTTC ATACGTGAAC
TCATTTACCA AAAGAAGTGT TGCTCCAGAT TCAGCTTCAA ACAAGGAAGA TGCCACAATG
AATGGAACAA GTTCACAACC CAAAAAGAG GAATATGGGA GCTAA

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: CEP128

Alternative Name: CEP128 ([CEP128 Products](#))

Gene ID: 145508

NCBI Accession: [NM_152446](#)

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)