

Datasheet for ABIN4931536

Human LOC100653515 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CEP295NL (LOC100653515)
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 CEP295NL with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1866 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGTTCTG GGTGGTCTAG CTCAGTCATC TGGAGACACA CACAGTTTGC TGTGGAACGT TGTGGCTTCT GTGGCTCCTC AGGCCCGGGG GCGCCCCTTG AACCTCCAC TCTTGGCTCC AAGCACCTTC CCTGGGAAGC TGTATCTGCT GGGTTCGCAG ACAGGAACAG AAACATGGAT GGAGCCATGT GGCTGAGCCT CTGTCCTGAT AACGAAGACC TGCTTTGGAG GAAAAAGCAC

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AAATTGCTAC AAGCCCGGGG CAAAGGCGAT CTCGCTCTGC AGAGAAGAGC GGATGCCAAG
CTGTGGAAAA ACTACCAGCT CCAGCGCTTG GCTGAGGAGT TGAGGAGAGG GTATCAGGAG
GCACAGCACC TGCACGTCGG TGGCCTGGAC AGGCTGCAGT CAGCACGTCT GTTGGGCTGG
GGAGGAGGAC GGGCCAGGGA AAATGAGCCT GACTCGCAGG GGCCCATCCA GCGAAGATCA
GCCAGGCCCC CGAGGGCCAA GGAGAAGCAT AGAGCAGCCC TTAGTGAAGA GAGGAGTTGC
AGGGAAGAGT TGGGCCAGCA ACACCCAGG CACTCCAGGC CCCGGAAGAC AGCAGCGAGT
CCAGAGAAAC CACAGACTAC AAAAGCCACG GGTCCGATGA ATTCTCACCT GGCCCCGCCT
GAGAAGAGAA AGGGAAGGCC AGAACCTTCG ACCAAGTCTG GGGGTGGCCG CTGTGCCATC
CATCCTCGGA GGAGCAAAGG GGC GGACCTA GAAAGGTCAA ACCCACTCGT GGCTGCTGTG
GGAGAAATCG GGCTTGTGGA GAAAAAGAG AAAGGAACAG CTCGGGCGGG GAGGAGGCAA
CTGGGAAAGG GGGCAGTTTG CTTTGTTC A GCCCTGACCA GTCGCTCTCA GGGACAGAGT
CTGGAGGGGA AGCTGAGAGA CCTCGGGCAG CTGTGGCCAG CTGATTCCAG CTGCAGAAGG
GAAGCCGTGT CCCCAGCATC TCAGTGCACG CTCGGGAGAGA AGAACAAGTG GCAGAAAGAG
CTGGAGTTGG CCTTTGAAGA GTTGTTTAAT ATAAACAGAA AGCTGAAAAA ACACCTGTGC
TTGTACCTGG CACTGAAGCC CAGGATGGAC CAGAGACCTG GGGAAGGGCA TGCCTTCTCA
GAGATGCAAG AGTGTGGCGC TGGGACCCCA AGAGGGAAGA AAATGGCAGA CCCAGAGATG
CTGCCTGCCG GGGAACCCAG GAGCCCAGCA GAGGAGGAGG CGCAGCAGGC AGCGTCCAAG
ACCGACTTGA AAACGTTCAT GGGCAAGGCC CAGAACCAAAA AATATCAGGG CACGGTCAAG
CCCACGTTTA GAAATGGAAG TCAAACATTG TCTCCCGAGG CAGGTATATT TATCAACAAA
GAGGACTCAT TATTGTATAG CACTGAATCT GGACAAGAGA CCCCCAACT GGGCACGCTG
GCAGAGGGCT CCCTTCAGCT CCACCTTCAA GACCAGGCAG ACAGAGTGGG CTCGACGGCA
TCCAGGCAAAA GGCAGAAAGC AGAGATGGAG CAGAGAAGAC AAAAACAACCT GGAATCGCTT
GAACAAATGG AACACCCAGA TATGAGCTTG GAAATCCACT ACAAAGCTGA GCTAGAAAAA
GAGAGGAGGG AGCAAAGAAG AGCTCGACTG GCCCATCTGA AGTCCTCCTC CACGAGAGCC
CAGGAAAGGG AGAGAGGATC TGAGCTCAGC ACCACTTCCC CATCGGGCAC CAGCCTCGCC
GACGACGACC GGCACAGTCA GATGATCCGA GACCAGCAGC AGCAGATCTT ACAGCAAAAC
AGGTTGCACA AGCAGTTTCT TGAAGAAGCC CGGAAATGCT TCGGGGAGTT TCAGAACATA
TGCTAA

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'

Product Details

- 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: CEP295NL (LOC100653515)

Alternative Name: CEP295NL ([LOC100653515 Products](#))

Gene ID: 100653515

NCBI Accession: [NM_001243540](#)

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)