

Datasheet for ABIN4931535

## 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:	1692 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGATGGAG CCATGTGGCT GAGCCTCTGT CCTGATAACG AAGACCTGCT TTGGAGGAAA AAGCACAAAT TGCTACAAGC CCGGGGCAAA GGCGATCTCG CTCTGCAGAG AAGAGCGGAT GCCAAGCTGT GGAAAACTA CCAGCTCCAG CGCTTGGCTG AGGAGTTGAG GAGAGGGTAT CAGGAGGCAC AGCACCTGCA CGTCGGTGGC CTGGACAGGC TGCAGTCAGC ACGTCTGTTG

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## Product Details

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GGCTGGGGAG GAGGACGGGC CAGGGAAAAT GAGCCTGACT CGCAGGGGCC CATCCAGCGA  
AGATCAGCCA GGCCCCGAG GGCCAAGGAG AAGCATAGAG CAGCCCTTAG TGAAGAGAGG  
AGTTGCAGGG AAGAGTTGGG CCAGCAACAC CCCAGGCACT CCAGGCCCCG GAAGACAGCA  
GCGAGTCCAG AGAAACCACA GACTACAAAA GCCACGGGTC GGATGAATTC TCACCTGGCC  
CCGCCTGAGA AGAGAAAGGG AAGGCCAGAA CCTTCGACCA AGTCTGGGGG TGGCCGCTGT  
GCCATCCATC CTCGGAGGAG CAAAGGGGCG GACCTAGAAA GGTCAAACCC ACTCGTGGCT  
GCTGTGGGAG AAATCGGGCT TGTGGAGGAA AAAGAGAAAG GAACAGCTCG GGCGGGGAGG  
AGGCAACTGG GAAAGGGGGC AGTTTGCTTT GTTCCAGCCC TGACCAGTCG CTCTCAGGGA  
CAGAGTCTGG AGGGGAAGCT GAGAGACCTC GGGCAGCTGT GGCCAGCTGA TTCCAGCTGC  
AGAAGGGAAG CCGTGTCCCC AGCATCTCAG TGCACGCTCC GGGAGAAGAA CAAGTGGCAG  
AAAGAGCTGG AGTTGGCCTT TGAAGAGTTG TTTAATATAA ACAGAAAGCT GAAAAACAC  
CTGTGCTTGT ACCTGGCACT GAAGCCCAGG ATGGACCAGA GACCTGGGGA AGGGCATGCC  
TTCTCAGAGA TGCAAGAGTG TGGCGCTGGG ACCCCAAGAG GGAAGAAAAT GGCAGACCCA  
GAGATGCTGC CTGCCGGGA ACCCAGGAGC CCAGCAGAGG AGGAGGCGCA GCAGGCAGCG  
TCCAAGACCG ACTTGAAAAC GTTCATGGGC AAGGCCCAGA ACCAAAAATA TCAGGGCAGC  
GTCAAGCCCA CGTTTAGAAA TGGAAGTCAA ACATTGTCTC CCGAGGCAGG TATATTTATC  
AACAAAGAGG ACTCATTATT GTATAGCACT GAATCTGGAC AAGAGACCCC CAACTGGGC  
ACGCTGGCAG AGGGCTCCCT TCAGCTCCAC CTTCAAGACC AGGCAGACAG AGTGGGCTCG  
ACGGCATCCA GGCAAAGGCA GAAAGCAGAG ATGGAGCAGA GAAGACAAAA ACAACTGGAA  
TCGCTTGAAC AAATGGAACA CCCAGATATG AGCTTGAAA TCCACTACAA AGCTGAGCTA  
GAAAAAGAGA GGAGGGAGCA AAGAAGAGCT CCACTGGCCC ATCTGAAGTC CTCCTCCACG  
AGAGCCCAGG AAAGGGAGAG AGGATCTGAG CTCAGCACCA CTTCCCCATC GGGCACCAGC  
CTCGCCGACG ACGACCGGCA CAGTCAGATG ATCCGAGACC AGCAGCAGCA GATCTTACAG  
CAAAACAGGT TGCACAAGCA GTTTCTTGAA GAAGCCCGGA AATGCTTGCG GGAGTTTCAG  
AACATATGCT AA

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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"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

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## Target Details

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Gene:	CEP295NL (LOC100653515)
Alternative Name:	CEP295NL ( <a href="#">LOC100653515 Products</a> )
Gene ID:	100653515
NCBI Accession:	<a href="#">NM_001243541</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none"><li>• Keep the vial sealed and store at -20°C for long-term storage.</li><li>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.</li><li>• 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.</li><li>• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.</li><li>• Close the lid and vortex the vial for 1 minute.</li><li>• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.</li></ul>
Expiry Date:	12 months

## Publications

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