

Datasheet for ABIN4931192

## Human CNTD2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	CNTD2
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 CNTD2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	924 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTGGTGA GAGGCAGGGA CCAGGGGTCC GGCTCCCGGC TCGGGCCTAT CGTTAGGCGC TGGGCCCCCA GGCCCTCTCC TTTGCAGAGT CTCGCTGCCT CCCTCGACGC AGAGCCTTCA AGCGCCGAG TCCCCGACGG CTTCCCCGCG GGCCCCACTG TCTCCCCAAG ACGCCTGGCG AGGCCGCCGG GGCTGGAGGA GGCCTGAGC GCGCTGGGGC TGCAGGGAGA ACGCGAGTAC GCCGGGGACA TCTTCGCCGA AGTCATGGTG TGCCGCGTGC TGCCCCTGAG AGCCCTGCC

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## Product Details

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CGCGCTGTGA CCCCAGGAGAT GCGCGCCCTG GTGGTAGACT GGCTGGTCCA GGTGCACGAG  
TACCTGGGTC TGGCTGGTGA CACACTTTAT CTGGCGGTTT ACCTGCTTGA TTCCTACCTG  
AGCGCTGGCC GCGTGCGTCT ACATCGCCTG CAGCTGCTGG GCGTGGCTTG CCTGTTTGTG  
GCGTGCAAAA TGGAAGAGTG CGTGCTTCCC GAGCCCGCCT TCCTCTGCCT CCTGAGCGCG  
GACTCCTTCT CACGGGCGGA GCTGCTGCGC GCCGAGCGTC GCATCCTGAG CCGCCTGGAT  
TTCCGGCTGC ACCACCCCGG CCGGCTGCTG TGCCTCGGGC TGCTGGCCGC GCTGGCAGGG  
AGCAGCCCCC AGGTGATGTT ACTTGCCACC TACTTCCTGG AGCTGTCTTT GCTGGAGGCC  
GAGGCGGCGG GATGGGAGCC GGGTCGTCGT GCGGCTGCGG CTCTGAGCCT GGCGCACCGC  
TTGCTCGACG GGGCGGGCTC CAGGCTCCAG CCAGAACTTT ACAGGTGTAG TCTTGGCGGA  
GGAAGTGTAT GGGGTCACCG CAGCTTCAGG GACTTACCTT CCTGGTCATT TTTACGGTCT  
CGGAGAATGA GAGACAATTA TTGA

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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:	CNTD2
Alternative Name:	CNTD2 ( <a href="#">CNTD2 Products</a> )
Gene ID:	79935
NCBI Accession:	<a href="#">NM_024877</a>

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## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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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.

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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)