

Product datasheet for **RC222825**

CTNND1 (NM_001085459) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTNND1 (NM_001085459) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CTNND1
Synonyms:	BCDS2; CAS; CTNND; p120; p120(CAS); p120(CTN); P120CAS; P120CTN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC222825 representing NM_001085459
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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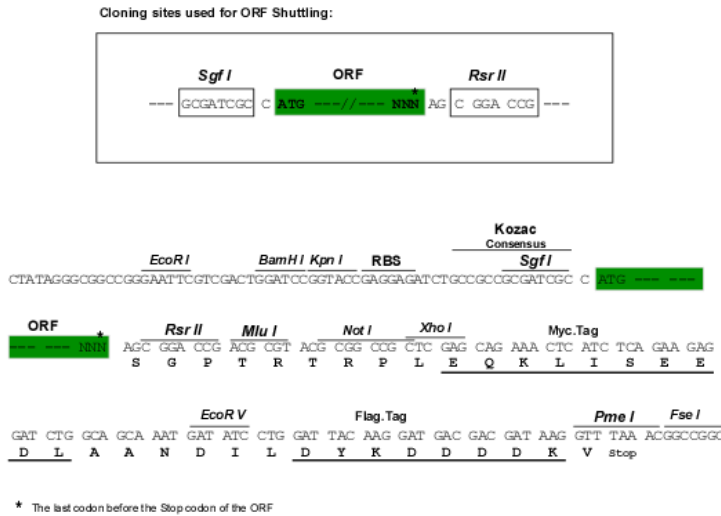
Protein Sequence: >RC222825 representing NM_001085459
 Red=Cloning site Green=Tags(s)

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 KKEVHLGACGALKNISFGRDQDNKIAIKNCDGVPALVRLLRKARDMDL TEVITGTLWNLSSHDSIKMEIV
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 SILNTINEVIAENLEAAKRLRETQIEKLV L INKSGNRSEKEVRAAALVLQTIWGYKELRKPLEKEGWKK
 SDFQVNLNNASRSQSSHSYDDSTLPLIDRNQKSDKKPDREEIQMSNMGSNTKSLDNNYSTPNERGDHNR
 LDRSGDLGDMPEPLKGTTPLMQDEGQESLEEELDVLVLDDEGGQVSYPMSQKI

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Restriction Sites: SgfI-RsrII

Cloning Scheme:

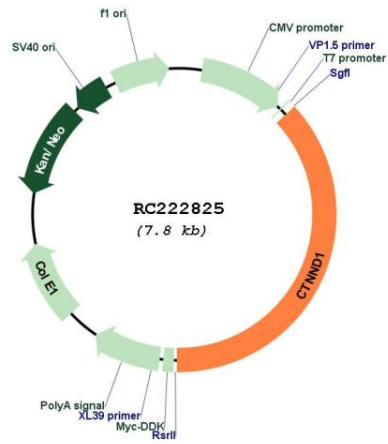


ACCN: NM_001085459

ORF Size: 2886 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001085459.1 , NP_001078928.1
RefSeq Size:	6345 bp
RefSeq ORF:	2889 bp
Locus ID:	1500
UniProt ID:	O60716
Cytogenetics:	11q12.1
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Leukocyte transendothelial migration
MW:	107.2 kDa
Gene Summary:	This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length natures of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC222825