

Product datasheet for RC222825L3

OriGene Technologies, Inc.

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CTNND1 (NM_001085459) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CTNND1 (NM_001085459) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CTNND1

Synonyms: BCDS2; CAS; CTNND; p120; p120(CAS); p120(CTN); P120CAS; P120CTN

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

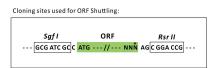
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC222825).

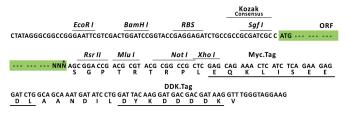
Sequence:

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001085459

ORF Size: 2886 bp





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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: 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: <u>NM 001085459.1</u>, <u>NP 001078928.1</u>

11q12.1

 RefSeq Size:
 6345 bp

 RefSeq ORF:
 2889 bp

 Locus ID:
 1500

 UniProt ID:
 060716

Cytogenetics:

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]