

Product datasheet for RC223169L4

OriGene Technologies, Inc.

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CTNND1 (NM_001085468) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CTNND1 (NM_001085468) Human Tagged Lenti ORF Clone

Tag: mGFP

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

Mammalian Cell Puromycin

Selection:

Symbol:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

CTNND1

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC223169).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001085468

ORF Size: 2496 bp





CTNND1 (NM_001085468) Human Tagged Lenti ORF Clone - RC223169L4

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 001085468.1, NP 001078937.1</u>

11q12.1

 RefSeq Size:
 5777 bp

 RefSeq ORF:
 2499 bp

 Locus ID:
 1500

 UniProt ID:
 060716

Cytogenetics:

Protein Families: Druggable Genome

Protein Pathways: Adherens junction, Leukocyte transendothelial migration

MW: 93.1 kDa

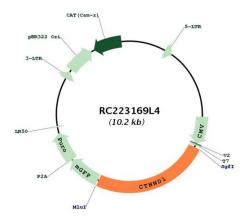
Gene Summary: This gene encodes a member of the Armadillo protein family, which function in adhesion

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 RC223169L4