

Product datasheet for RC211420L3

OriGene Technologies, Inc.

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Neurochondrin (NCDN) (NM_014284) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Neurochondrin (NCDN) (NM 014284) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Neurochondrin

Synonyms: NEDIES

Mammalian Cell Puromycin

Selection:

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

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

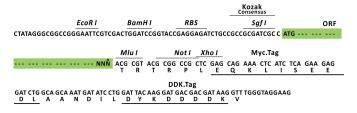
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211420).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_014284

ORF Size: 2187 bp





Neurochondrin (NCDN) (NM_014284) Human Tagged Lenti ORF Clone - RC211420L3

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 014284.2</u>

RefSeq Size: 3718 bp
RefSeq ORF: 2190 bp
Locus ID: 23154
UniProt ID: Q9UBB6
Cytogenetics: 1p34.3

MW: 78.9 kDa

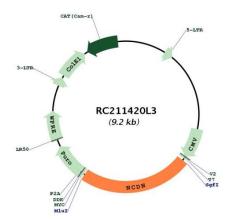
Gene Summary: This gene encodes a leucine-rich cytoplasmic protein, which is highly similar to a mouse

protein that negatively regulates Ca/calmodulin-dependent protein kinase II phosphorylation and may be essential for spatial learning processes. Several alternatively spliced transcript

variants of this gene have been described. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC211420L3