

Product datasheet for RC213369L3

OriGene Technologies, Inc.

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HNT (NTM) (NM 001048209) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HNT (NTM) (NM_001048209) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: **HNT**

CEPU-1; HNT; IGLON2; NTRI Synonyms:

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

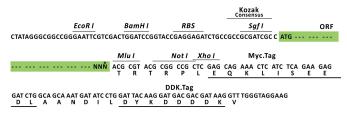
The ORF insert of this clone is exactly the same as(RC213369). **ORF Nucleotide**

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:





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

ACCN: NM_001048209

ORF Size: 1032 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 001048209.1</u>

 RefSeq Size:
 3048 bp

 RefSeq ORF:
 1035 bp

 Locus ID:
 50863

 UniProt ID:
 Q9P121

 Cytogenetics:
 11q25

Protein Families: Transmembrane

MW: 37.8 kDa

Gene Summary: This gene encodes a member of the IgLON (LAMP, OBCAM, Ntm) family of immunoglobulin

(lg) domain-containing glycosylphosphatidylinositol (GPI)-anchored cell adhesion molecules. The encoded protein may promote neurite outgrowth and adhesion via a homophilic

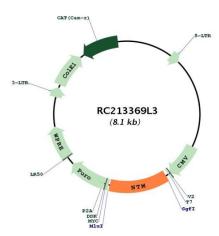
mechanism. This gene is closely linked to a related family member, opioid binding protein/cell

adhesion molecule-like (OPCML), on chromosome 11. Multiple transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Jan 2009]



Product images:



Circular map for RC213369L3