

Product datasheet for RC212316L4

NPTX1 (NM_002522) Human Tagged Lenti ORF Clone

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Product data:

Product Type: Expression Plasmids

Product Name: NPTX1 (NM_002522) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: NPTX1
Synonyms: NP1

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC212316).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_002522

ORF Size: 1296 bp





NPTX1 (NM_002522) Human Tagged Lenti ORF Clone - RC212316L4

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 002522.2</u>

RefSeq Size:5441 bpRefSeq ORF:1299 bpLocus ID:4884

UniProt ID: Q15818
Cytogenetics: 17q25.3

Protein Families: Secreted Protein

MW: 47.12 kDa

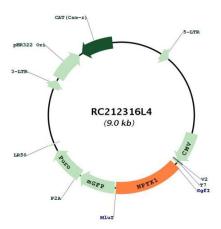
Gene Summary: NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to

the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system. [provided by RefSeq, Jul

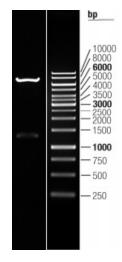
2008]



Product images:



Circular map for RC212316L4



Double digestion of RC212316L4 using Sgfl and Mlul