

Product datasheet for MR222950L4

Npnt (NM_033525) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Npnt (NM_033525) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Npnt

Synonyms: 1110009H02Rik; AA682063; Al314031; Nctn; POEM

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(MR222950).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_033525

ORF Size: 1734 bp



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Npnt (NM_033525) Mouse Tagged Lenti ORF Clone - MR222950L4

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 033525.2</u>, <u>NP 277060.2</u>

 RefSeq Size:
 3734 bp

 RefSeq ORF:
 1737 bp

 Locus ID:
 114249

 UniProt ID:
 Q91V88

 Cytogenetics:
 3 G3

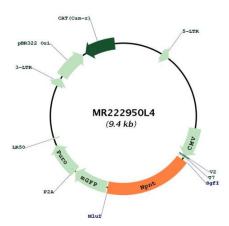
Gene Summary: Functional ligand of integrin alpha-8/beta-1 in kidney development. Regulates the expression

of GDNF with integrin alpha-8/beta-1 which is essential for kidney development. May also play a role in the development and function of various tissues, regulating cell adhesion, spreading

and survival through the binding of several integrins.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR222950L4