

Product datasheet for RR204582L4

Pfn3 (NM_001109487) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Pfn3 (NM_001109487) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Pfn3

Mammalian Cell Puromycin

Selection:

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

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

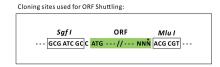
ORF Nucleotide

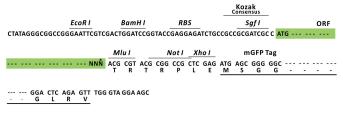
The ORF insert of this clone is exactly the same as(RR204582).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM 001109487

ORF Size: 411 bp

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Pfn3 (NM_001109487) Rat Tagged Lenti ORF Clone - RR204582L4

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 001109487.1</u>, <u>NP 001102957.1</u>

17p14

RefSeq Size:528 bpRefSeq ORF:414 bpLocus ID:685936UniProt ID:MORCP6

Cytogenetics:

Gene Summary: Binds to actin and affects the structure of the cytoskeleton. Slightly reduces actin

polymerization. Binds to poly-L-proline, phosphatidylinositol 3-phosphate (Ptdlns(3)P), phosphatidylinositol 4,5-bisphosphate (Ptdlns(4,5)P2), and phosphatidylinositol 4-phosphate

(Ptdlns(4)P). May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]