

Product datasheet for RC224947L3

OriGene Technologies, Inc.

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PFN3 (NM_001029886) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PFN3 (NM_001029886) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: PFN3

Mammalian Cell Puromycin

Selection: Vector:

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

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

ORF Nucleotide

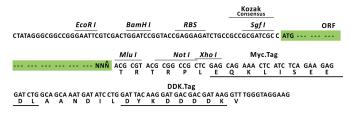
The ORF insert of this clone is exactly the same as(RC224947).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM 001029886

ORF Size: 411 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.

NM 001029886.1 RefSeq:

RefSeq Size: 548 bp RefSeq ORF: 414 bp Locus ID: 345456 UniProt ID: P60673

5q35.3 **Protein Pathways:** Regulation of actin cytoskeleton

MW: 14.6 kDa

Cytogenetics:

Gene Summary: The product of this gene belongs to the profilin family of proteins. This protein binds to actin

and affects the structure of the cytoskeleton. It also may be involved in spermatogenesis. It is

a single exon gene. [provided by RefSeq, Jul 2008]