

Product datasheet for RR206077L4

Bpi (NM_001004079) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Bpi (NM_001004079) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Bpi

Synonyms: Bpifd1

Mammalian Cell Puromycin

Selection:

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

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

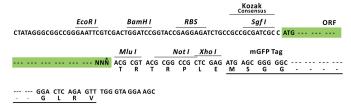
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR206077).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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



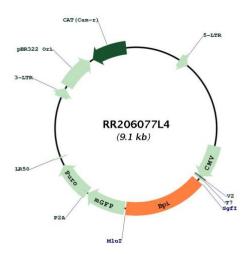
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Plasmid Map:



ACCN: NM_001004079

ORF Size: 1446 bp

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 001004079.1</u>, <u>NP 001004079.1</u>

RefSeq Size: 1970 bp RefSeq ORF: 1449 bp



Bpi (NM_001004079) Rat Tagged Lenti ORF Clone - RR206077L4

 Locus ID:
 296321

 UniProt ID:
 Q6AXU0

 Cytogenetics:
 3q42

Gene Summary: The cytotoxic action of BPI is limited to many species of Gram-negative bacteria; this

specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer

envelope.[UniProtKB/Swiss-Prot Function]