

Product datasheet for **RR208320**

Pnliprp2 (NM_057206) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnliprp2 (NM_057206) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pnliprp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR208320 representing NM_057206
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTAGGGGTGTCAGTGAAATCTGTTCCATCTGTGCAGATGTTGCTCTGCTGGATCGTCAGCTTTC
 TGTGGCCACTGTCGGAGGAAAAGAGGTTTGTATGGACACCTTGGCTGCTTTTCCAATGACAAGCCCTG
 GGCAGGGATGCTTCAGCGCCTTTGAAGATATTCCTTGGTCCCCAGAGGACATCGATACACGCTTTCTT
 CTGTACACAAATGAGAATCCAAATAACTACAAAAATCTCTGCCACCGAACAGACACCATCAAGTTTT
 CCAACTCCAAGTGGACCGCAAGACGCGTTTCATCGTCCATGGATTATAGACAAGGGAGAGGATGGCTG
 GTTCTGGACATGTGCAAGAAAATGTTTCAAGTGGAGAAAAGTGAAGTGTATTTGCGTCGATTGGAGGCGA
 GGATCCAGGACTGAATACACCAAGCCTCTACAACACTCGGGTCTGGGCGCTGAGATTGCCTTCTAG
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 ACACGTGTTGGGGAGCAGGCAGGAGGCTGGAGGGCCATGTGGGAGGATTACAGGGCTGGACCCTGCA
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 TCCACACAGATAGTGCTCCCATAAATCCCTATCTAGGTTTTGGAATGAGCAAAAAGTCCGGACATCTGGA
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 GGCCACTCTGGGAGCTTCGAGATCACAGTCAAAGTGGTGTAGACGGGAAAGAGTACAACCTCTGTAG
 CAGCGACTGTGCGTGAAGACGCTTACAGTCGCTTTATCCTTGT

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208320 representing NM_057206
 Red=Cloning site Green=Tags(s)

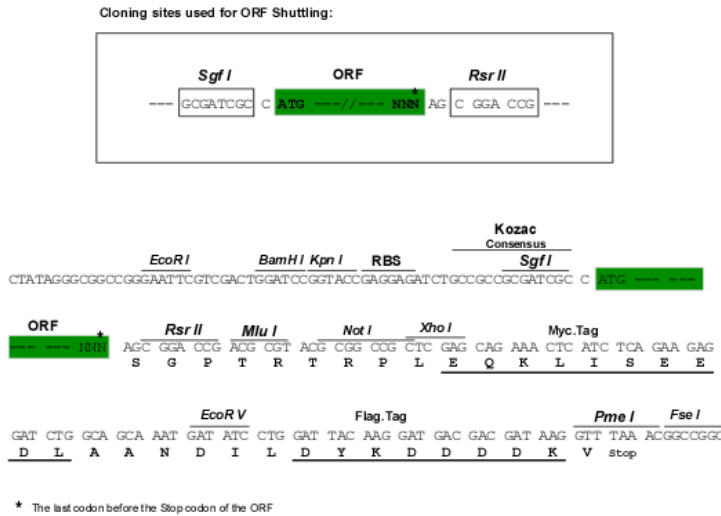
MPRGVSGNLFPSVQMLLCWIVSLLLATVGGKEVCYGHLCGFSNDKPWAGMLQRPLKIFPWSPEIDTRFL
 LYTNNENPNNYQKISATEPDTIKFSNFQLDRKTRFIVHGFIDKGEDGWLLDMCKKMFQVEKVNICVDWRR
 GSRTEYQASYNTRVVGAEIAFLVQVLSTEMGYSPENVHLIGHSLGAHVVGAEGRRLGHEVGRITGLDPA
 EPCFQGLPEEVRLDPSDAMFVDVIHTDSAPIIPYLGFGMSQKVGHLDFPNGGKEMPGCQKNILSTIVDI
 NGIWEQTQNFVACNHLRSYKYASSILNPDGFLGYPCSSYEKQQNDCFPCPEEGCPKMGHYADQFEGKT
 ATVEQTVYLNLTGDSGNFTRWRYKVSVTLSGAKKLSGYILVALYGNNGNSKQYEIFKGSCLKPEARHVRDID
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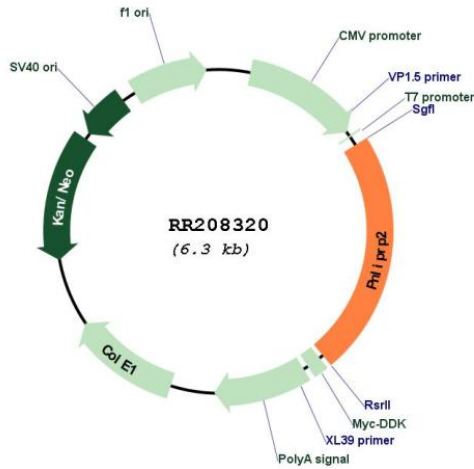
Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_057206

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: [NM_057206.1](#), [NP_476554.1](#)

RefSeq Size: 1545 bp

RefSeq ORF: 1449 bp

Locus ID: 117554

UniProt ID: [P54318](#)

Cytogenetics: 1q55

MW: 54 kDa

Gene Summary: major digestive lipase of pancreas [RGD, Feb 2006]