

Product datasheet for **RR204169**

Ptn (NM_017066) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptn (NM_017066) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ptn
Synonyms: HARP; Hbnf
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >NM_017066 ORF sequence, RR204169 may differ due to SNPs.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGTCGCCAGCAATACCAGCAGCAACGTCGAAAATTTGCAGCTGCCTTCTGGCCTTGATTTTCATC
CTGGCAGCCGTGGACTGCTGAGGCCGGGAAAAAGAGAAACCAGAAAAAAGGTGAAAAATCTGAC
TGTGGAGAATGGCAATGGAGTGTGTGCGTGCCACCAGCGGGGACTGTGGTCTAGGCACCCGGGAGGGC
ACTCGCACTGGTCCGAGTGCAAACAAACCATGAAGACTCAGAGATGTAAGATCCCTTGCAACTGGAAG
AAGCAGTTTGGAGCTGAGTGCAAATACCAGTTCAGGCTTGGGGAGAATGTGACCTCAATACCGCCTTG
AAGACCAGAACTGGCAGTCTGAAGAGAGCTCTGCACAATGCCGACTGTCAGAAACTGTCACCATCTCC
AAGCCCTGTGGCAAACCTACCAAGCCCAAGCCTCAAGCGGAATCAAAGAAGAAGAAAAAGGAAGGCAAG
AAACAGGAGAAGATGCTGGAT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
```

Protein Sequence: >Peptide sequence encoded by RR204169
Blue=ORF Red=Cloning site Green=Tag(s)

```
MSSQYQQRRKFAAFLALIFILAAVDTAEAGKKEKPEKVKKSDCGEWQWVCVPTSGDCGLGTREG
TRTGAECKQTMKTQRCKIPCNWKKQFGAECKYQFQAWGECDLNLTALKTRTGLKRALHNADCQKTVTIS
KPCGKLTKPKPQAESKKKKKEGKKQEKMLD
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: Sgfl-MluI

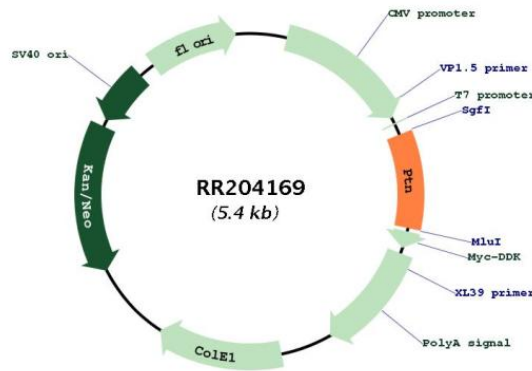


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Cloning Scheme:



Plasmid Map:



ACCN: NM_017066

ORF Size: 504 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:	<ol style="list-style-type: none">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_017066.3
RefSeq Size:	1312 bp
RefSeq ORF:	507 bp
Locus ID:	24924
UniProt ID:	P63090
Cytogenetics:	4q22
MW:	18.9 kDa
Gene Summary:	binds heparin; may act as a growth factor; may play a role in liver regeneration and fibrinogenesis [RGD, Feb 2006]