

## Product datasheet for **RN201950**

### Minpp1 (NM\_019263) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Minpp1 (NM_019263) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Minpp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201950 representing NM\_019263  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTCGCGCGCGCGCAGCCACCTCTCGGCCTCGGTAGCCCTCGCCGGTCTCTGGTGCGGCGCTGC  
 TCTCGTCGTTTCGCGCGCTGCTCTCTCCCGGGCGCGCGACCCGGTGGCTTCGGTCTTAGCCCTACTT  
 CGGCACGAAGACACGCTACGAAGATGTCAACCCCTGGCTGCTGGGCGACCCGGTGGCGCCGCGACGGGAC  
 CCGGAGCTGCTGGCGGGACTTGACCCCGGTGCAGCTGGTGCCTCATCCGTACGGCACCCGCTACCC  
 CTACGACCAAGCAGATCCGAAGCTGAGGCAGCTGCAGGGGCTGCTGCAGACCCGCGAGTCCGTGGATGG  
 CGGGAGCCGAGTGGCCGCGCTCTGGACCAATGGCCGCTGTGGTACGATGACTGGATGGACGGGCGAGCTG  
 GTGAAAAGGGGCGCAGGACATGCGACAGCTGGCCCTGCGTCTGGCCGCCCTCTCCCTGACCTTTCT  
 GCCGGGAGAACTACGGCCGCTGCGGCTGATCACCAGCTCCAAGCACCGTGTGTGGACAGCAGCGCCGC  
 CTTCTCCAAGGGTTGTGGCAACATTACCACCCAGGATTGCCACCTCCCGACGTCTCAGACATGGAGTGT  
 GACCCTCCGAGAGTAAATGATAAGCTAATGAGGTTCTTCGATCACTGTGAGAAAGTTTTAAACCGAAGTCG  
 AAAGAAACGCCACGGCTCTTTATCATGTGGAAGCCTTCAAACCGGGCCAGAAATGCAGACAGTTTTAAA  
 GAAAGTTGCAGCCACTTTGCAAGTGCCAGTGAACAATTTAAATGCAGACTTAATTCAGGTAGCCTTTTTTC  
 ACCTGTTGTTGACCTGGCAATTAAGGTGTCCATTCTCCCTGGTGGCATGTGTTTGACGTAGATGATG  
 CGAAGGTTCTGGAATACTTAAATGATCTGAAACAGTACTGGAAACGAAGTTATGGCTATGCCATTAACAG  
 CCGGTCCAGCTGCAACCTGTTTCAGGACATTTTCTACACCTGGCAAAGCAGTTGAGCAGAAGCAAAGG  
 TCTCAGCCGGTCTCTTCCAGTCATCTCCAGTTTGGTTCATGCGGAGACCCTCCTACCCTGCTCTCGC  
 TCATGGGCTACTTCAAGGACAAGGAGCCCTGACAGCATACAATTTTGGAGCAGGTGCATCGCGAGTT  
 CCGAAGTGGTACATCGTACCATATGCTTCAAACCTAATATTTGTGCTTTACCATTGTGAAGACGCACAG  
 ACCCCTCAAGAAAAATCCAGATACAAATGCTGCTGAATGAAAAGGTGTTACCCTTAGCTCACTCGCAGA  
 AAAGTGTGCTTGTATGAGGATCTGAAGAACCCTACCAGGACATTCTCAGAGCTGTCAAAGTAGTAA  
 AGAATGTAACCTACCAAGGTGAACATCACGTCCGACGAGCTC**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019263
- Insert Size:** 1446 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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\\_019263.1](#), [NP\\_062136.1](#)

RefSeq Size: 2383 bp

RefSeq ORF: 1446 bp

Locus ID: 29688

UniProt ID: [O35217](#)

Cytogenetics: 1q52

Gene Summary: catalyzes the hydrolysis of Ins(1,3,4,5,6)P5, first to Ins(1,4,5,6)P4 and then to Ins(1,4,5)P3, by consecutive 3- and 6-phosphatase activities [RGD, Feb 2006]