

## Product datasheet for MR227092

### Ppy (NM\_008918) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppy (NM\_008918) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ppy  
**Synonyms:** AV061413; IGSP; PP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR227092 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGTCGATACTGCTGCCTCTCCCTGTTTCTCGTATCCACTTGGGTGGCTCTGCTGCTGCAGCCCC  
 TGCAGGGGACCTGGGGAGCCCCCTGGAGCCAATGTACCCAGGCGACTATGCGACACCTGAGCAGATGGC  
 ACAATATGAAACTCAGCTCCGCAGATACATCAACACACTGACCAGGCCTAGGTATGGGAAGAGAGCCGAG  
 GAGGAGAACACAGGTGGACTTCTGGAGTGCAGCTCTCCCCTGCACCAGCCCCCAGTTGGCTTGATTC  
 CCTGCTCTGCGCCCTGGAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR227092 protein sequence  
 Red=Cloning site Green=Tags(s)  
 MAVAYCCLSLFLVSTWVALLLQPLQGTWGAPLEPMYPGDYATPEQMAQYETQLRRYINTLTRPRYGKRAE  
 EENTGGLPGVQLSPCTSPVGLIPCSAPWS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**



**ACCN:** NM\_008918

**ORF Size:** 303 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.

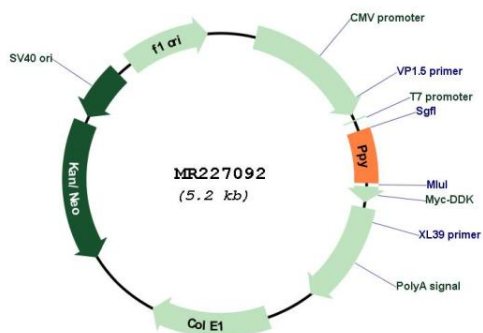
**RefSeq:** [NM\\_008918.2](#)

**RefSeq Size:** 480 bp

**RefSeq ORF:** 303 bp

**Locus ID:** 19064  
**UniProt ID:** [P10601](#)  
**Cytogenetics:** 11 D  
**MW:** 11 kDa  
**Gene Summary:** Pancreatic hormone is synthesized in pancreatic islets of Langerhans and acts as a regulator of pancreatic and gastrointestinal functions.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR227092