

## Product datasheet for **RR210206**

### **Pmp2 (NM\_001109514) Rat Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
Product Name: Pmp2 (NM\_001109514) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Pmp2  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RR210206 representing NM\_001109514  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTAACAAATTCCTAGGCACCTGGAACTTGTCTCCAGCGAGCACTTCGATGACTACATGAAGGCTC  
TAGGCGTGGGGTTAGCCAACAGAAAACCTTGAAATTTGGCCAAGCCTAGTGTGATCATCAGCAAGAAGGG  
AGACTATATCACCATTAGAACTGAAAGTGCCTTCAAAAATACAGAGATCTCCTTCAAGTTGGGCCAGGAG  
TTTGATGAACTACAGCTGACAACAGAAAACCAAGAGCATTGTGACGCTGGAGAGAGGCTCCTTGAAGC  
AAGTGCAGAAGTGGGATGGTAAAGAGACAACCATAAAGAGAAAGTTGCTGGATGGGAAAATGGTAGTGGA  
ATGTATAATGAAGGGTGTGGTCTGCACCAGGATTATGAGAAGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210206 representing NM\_001109514  
Red=Cloning site Green=Tags(s)

MSNKFLGTWKLVSSEHFDDYMKALGVGLANRKLGNLAKPSVIISKGDYITIRTESAFKNTESISFKLGQE  
FDETTADNRKTKSIVTLERGLKQVQKWDGKETIKRLLDGKMVVECIMKGVVCTRIYEKV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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## Cloning Scheme:



ACCN: NM\_001109514

ORF Size: 396 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\\_001109514.1](#), [NP\\_001102984.1](#)

RefSeq Size: 1350 bp

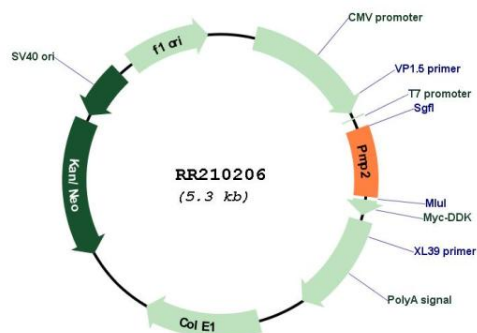
RefSeq ORF: 399 bp

Locus ID: 688790

Cytogenetics: 2q23

MW: 15 kDa

## Product images:



Circular map for RR210206