

## Product datasheet for **MR220872**

### **Ppib (NM\_011149) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppib (NM_011149) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ppib
Synonyms:	AA408962; AA553318; AI844835; Cphn-2; Cphn2; CyP-20b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220872 representing NM_011149 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGCGCCTCTCGGAGCGCAATATGAAGGTGCTCTTCGCCGCCCTCATCGTGGGCTCCGTCGTCT  
TCCTTTTGTGCCGGACCCTCCGTGGCCAACGATAAGAAGAAGGGACCTAAAGTCACAGTCAAGGTATA  
CTTTGATTTACAAATTGGAGATGAATCTGTAGGACGAGTCGTCTTTGGACTCTTTGGAAAGACTGTTCCA  
AAAACAGTGGATAATTTGTAGCCTTAGCTACAGGAGAGAAAGGATTTGGCTACAAAAACAGCAAGTTCC  
ATCGTGCATCAAGGACTTCATGATCCAGGGTGGAGACTTCACCAGGGGAGATGGCACAGGAGGAAAGAG  
CATCTATGGTGAGCGCTTCCCAGACGAGAACTCAAGCTGAAGCACTACGGCCCTGGCTGGGTGAGCATG  
GCCAATGCAGGCAAAGACACCAATGGCTCACAGTTCTTCATAACCACAGTCAAGACCTCCTGGCTGGATG  
GCAAGCATGTGGTTTTTCGGCAAAGTTCTAGAGGGCATGGATGTGGTACGGAAGGTGGAGAGCACCAAGAC  
AGACAGCCGGGACAAGCCACTGAAGGATGTCATCATTGTCGACTCCGGCAAGATCGAAGTGGAGAAACCC  
TTCGCCATTGCCAAGGAG

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR220872 representing NM\_011149  
Red=Cloning site Green=Tags(s)

MLRLSERNMKVLFAAALIVGSVVFLLLPGPSVANDKKKGPKVTVKVYFDLQIGDESVGRVVFGLFGKTVP  
 KTVDNFVALATGEKGFYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYGPWVSM  
 ANAGKDTNGSQFFITTVKTSWLDGKHVVFGKVLGMDVVRKVESTKTDSRDKPLKDVIIIVDSGKIEVEKP  
 FAIAKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_011149

**ORF Size:** 648 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\\_011149.2](#), [NP\\_035279.2](#)

**RefSeq Size:** 979 bp

**RefSeq ORF:** 651 bp

**Locus ID:** 19035

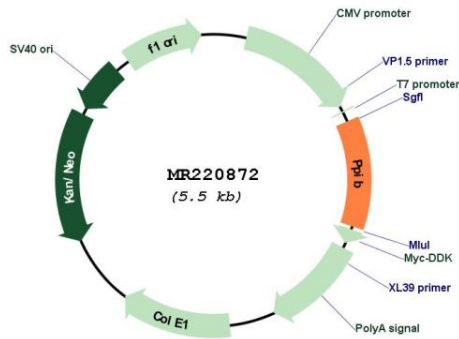
**UniProt ID:** [P24369](#)

**Cytogenetics:** 9 C

**MW:** 24.2 kDa

**Gene Summary:** PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR220872