

Product datasheet for **MG220872**

Ppib (NM_011149) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppib (NM_011149) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ppib
Synonyms:	AA408962; AA553318; AI844835; Cphn-2; Cphn2; CyP-20b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG220872 representing NM_011149 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCGCCTCTCGGAGCGCAATATGAAGGTGCTCTTCGCCGCCCTCATCGTGGGCTCCGTCGTCT
TCCTTTTGTGCCGGACCCTCCGTGGCCAACGATAAGAAGAAGGGACCTAAAGTCACAGTCAAGGTATA
CTTTGATTTACAAATTGGAGATGAATCTGTAGGACGAGTCGTCTTTGGACTCTTTGGAAAGACTGTTCCA
AAAACAGTGGATAATTTGTAGCCTTAGCTACAGGAGAGAAAGGATTTGGCTACAAAAACAGCAAGTTCC
ATCGTGCATCAAGGACTTCATGATCCAGGGTGGAGACTTCACCAGGGGAGATGGCACAGGAGGAAAGAG
CATCTATGGTGAGCGCTTCCCAGACGAGAACTCAAGCTGAAGCACTACGGCCCTGGCTGGGTGAGCATG
GCCAATGCAGGCAAAGACACCAATGGCTCACAGTTCTTCATAACCACAGTCAAGACCTCCTGGCTGGATG
GCAAGCATGTGGTTTTTCGGCAAAGTTCTAGAGGGCATGGATGTGGTACGGAAGGTGGAGAGCACCAAGAC
AGACAGCCGGGACAAGCCACTGAAGGATGTCATCATTGTCGACTCCGGCAAGATCGAAGTGGAGAAACCC
TTCGCCATTGCCAAGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG220872 representing NM_011149
Red=Cloning site Green=Tags(s)

MLRLSERNMKVLFAAALIVGSVVFLLLPGPSVANDKKKGPKVTVKVYFDLQIGDESVGRVVFGLFGKTVP
 KTVDNFVALATGEKGFYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYPGWVSM
 ANAGKDTNGSQFFITTVKTSWLDGKHVVFQKVLLEGMDVVRKVESTKTDSRDKPLKDVIIVDSGKIEVEKP
 FAIAKE

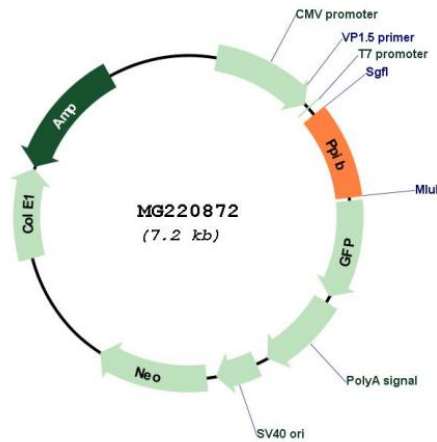
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



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:	<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_011149.2 , NP_035279.2
RefSeq Size:	979 bp
RefSeq ORF:	651 bp
Locus ID:	19035
UniProt ID:	P24369
Cytogenetics:	9 C
Gene Summary:	PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.[UniProtKB/Swiss-Prot Function]