

Product datasheet for **MC207086**

Ppih (BC050116) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppih (BC050116) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppih
Synonyms:	CYPH, CYP-20, rotamase H
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC050116 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGGCAAATCAAGTCCAGTCAATCCAGTGGTCTTCTTCGATGTCAGCATTGGCGGCCAGGAAG
TTGGTCGCATGAAAATCGAGCTCTTTCAGACGTGGTGCCTAAGACGGCAGAGAAGTTAGCAATCTCG
CACCGGAGAGTTCAGAAAAGATGGCGTCCGATAGGATACAAAGGAAGCACCTTCCACAGGGTCATAAAG
GATTTTCATGATTCAGGGTGGAGATTTTGTAAATGGCGATGGCACTGGAGTCGCCAGTATTTACCGGGGTC
CATTTGCGGATGAAAATTTAACTTAGACACTCTGCTCCAGGCCTGCTTCCATGGCAAACAGTGGTCC
CAGTACAAATGGCTGCCAGTTCTTTATCACGTGTTCTAAGTGTGATTGGCTGGATGGAAAGCATGTAGTG
TTTGGAAAAATCATTGACGGACTCTAGTGATGAGGAAGATCGAGAATGTTCCACAGGCCCAACAATA
AGCCCAAATGCCAGTGGTATCTCACAGTGTGGGAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC050116

Insert Size: 534 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).



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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:	<u>BC050116</u> , <u>AAH50116</u>
RefSeq Size:	749 bp
RefSeq ORF:	533 bp
Locus ID:	66101
Cytogenetics:	4 55.34 cM
Gene Summary:	PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. Participates in pre-mRNA splicing. May play a role in the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome. May act as a chaperone.[UniProtKB/Swiss-Prot Function]