

Product datasheet for **MR223587**

Ppih (NM_001110129) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppih (NM_001110129) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ppih
Synonyms: 1100001J08Rik; 2010111B15Rik; 4833408F11Rik; AI464484; CYP-20; CYPH; D4Wsu43e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR223587 representing NM_001110129
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGGCAAATCAAGTCCAGTCAATCCAGTGGTCTTCTTCGATGTCAGCATTGGCGGCCAGGAAG
TTGGTCGCATGAAAATCGAGCTCTTTCAGACGTGGTGCCTAAGACGGCAGAGAAGCTTTAGCAATCTCG
CACCGGAGAGTTCAGAAAAGATGGCGTCCGATAGGATACAAAGGAAGCACCTTCCACAGGGTCATAAAG
GATTTTCATGATTCAGGGTGGAGATTTTGTAAATGGCGATGGCACTGGAGTCGCCAGTATTTACCGGGGTC
CATTTGCGGATGAAAATTTAACTTAGACACTCTGCTCCAGGCCTGCTTCCATGGCAAACAGTGGTCC
CAGTACAAATGGCTGCCAGTTCTTTATCACGTGTTCTAAGTGTGATTGGCTGGATGGAAAGCATGTAGTG
TTTGAAAAATCATTGACGGACTTCTAGTGATGAGGAAGATCGAGAATGTTCCACAGGCCCAACAATA
AGCCAAACTGCCAGTGGTATCTCACAGTGTGGGAAATG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223587 representing NM_001110129
Red=Cloning site Green=Tags(s)

MAVANSSPVNPVFFDVSIQQEVEGRMKIELFADVVPKTAENFRQFCTGEFRKDGVPVIGYKGFHFRVIK
DFMIQQGDFVNGDGTGVASIVRGPFAENFKLRHSAPGLLSMANSRSTNGCQFFITCSKCDWLDGKHVV
FGKIIDGLLVMRKIENVPTGPNKPKLPVVISQCGEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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>NM_001110129.1</u> , <u>NP_001103599.1</u>
RefSeq Size:	2197 bp
RefSeq ORF:	534 bp
Locus ID:	66101
UniProt ID:	<u>Q9D868</u>
Cytogenetics:	4 55.34 cM
MW:	19.7 kDa
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]