

Product datasheet for **MC217377**

Ppm1h (NM_001110218) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppm1h (NM_001110218) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1h
Synonyms:	A430075L18Rik; ARHCL1; C030002B11Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217377 representing NM_001110218
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCACTCGAGTGAAATCTGCCGTGGCCAATTTTCATGGCGGCATCATGGCTGGCAGCTCCGGCTCCG
 AGCACGGCGGGAGCGGCTGCGGAGGCTCGGACCTGCCCTGCGCTTCCCGTACGGCGGCCGGAGTTCTT
 CGGGCTGTCTCAGGATGAGGTGGAGTGCAGCGCAGACCACATCGCCCGCCCATCTCATCTCAAGGAG
 ACCCGGGCGGCTGCCCTGGGCCACTGGCTACGCAGAGGTTATTAATGCTGGGAAGAGCACACACAATGAGG
 ACCAAGCCAGCTGCGAGGTGCTCACAGTGAAGAAGAAAGCCGGAACCATTAATCCACCCCGAACAGAAA
 CTCCAAGAGAAGTTCATCACTTCCCAACGGGGAAGGCCTGCAGTTAAAGGAGAACTCTGAGTCCGAAGGC
 ATCTCTGCCACTACTGGTCCCTGTTTGACGGTCACGCAGGCTCGGGGGCTGCCGTGGTGGCATCGCGCC
 TGCTGCAGCACCACATCACGCAACAGCTGCAGGACATCGTGGAGATCCTGAAGAACTCGGCCATCTTCC
 CCCGACCTGCCTGGGGGAGGAGCCAGAGAGCACGCCAGCCACGGCAGGACCCTAACCCGCGCGGCCTCA
 CTGCGTGGAGGTGTGGGTGCCCGGGCTCCCCAGTACGCCACCCACGGCTTCTTCACTGAGAAGAAGA
 TCCCGCACGAGTGTCTGGTTCATCGGGGCCCTGGAGAGCGCTTTCAGGAAATGGACCTTCAAATCGAACG
 CGAGAGGAGTGCATATAATATCTGGCGGCTGCACGGCCCTCATCGTGGTTTGCCTCTTGGGGAAGCTC
 TATGTGGCGAATGCTGGCGACAGCGGGCCATAATCATCAGAAATGGAGAAATCATCCCCATGTCTTCCG
 AATTCACCCCTGAGACTGAGCGCCAGAGACTTCAGTACCTGGCGTTTCATGCAGCCCCACTTGCTGGGAAA
 TGAGTTACACATTTGGAGTTTCCAAGGAGAGTGCAGAGGAAGGAACTCGGGAAGAAGATGCTGTACCGG
 GACTTTAATATGACAGGCTGGGCATACAAAACCATTTGAGGATGATGACTTGAAGTTCCCCCTTATATATG
 GAGAAGGCAAGAAGGCCCGAGTAATGGCAACTTTGGAGTGAAGAGGGGACTTGGGGACCATGACTTAAA
 GGTTTCATGACTCCAACATCTACATAAAAACCATTCCTGTCTTCAGCTCCAGAGGTACAGAGTCTACGATCTC
 TCCAGATATGAGCACGGAGCAGATGACGTGCTGATCCTGGCTACTGATGGACTCTGGGATGTCTTATCCA
 ACGAAGAAGTAGCGGAAGCAATCACTCAGTTTCTTCTTAAGTGTGATCCAGACGACCCTCACAGATACAC
 ACTGGCGGCTCAGGACCTGGTATGCGTGGCGGAGGCTCCTGAAGGACCGAGGGTGGCGGATATCGAAT
 GACCGACTGGGCTCAGGAGATGACATTTCTGTATATGTCATTCTTTAATACACGGAAACAACTGTCAT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001110218

Insert Size: 1542 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).

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_001110218.1](#), [NP_001103688.1](#)

RefSeq Size: 6413 bp

RefSeq ORF: 1542 bp

Locus ID: 319468

UniProt ID: [Q3UYC0](#)

Cytogenetics: 10 D2

Gene Summary: Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for proteasomal degradation. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).