

Product datasheet for **MG223531**

Ppm1b (NM_001159497) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppm1b (NM_001159497) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ppm1b
Synonyms: PP2CB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG223531 representing NM_001159497
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTGCATTTTGGATAAACCCAAAACCTGAAAAGCACAATGCTCACGGTGTGGGAATGGTCTGCGTT
 ATGGCCTGAGCAGTATGCAAGGATGGAGAGTAGAAATGGAAGATGCACACACAGCTGTTGTGGGTATTCC
 TCACGGCTTGGCAACTGGTCGTTTTTTCAGTTTATGACGGTCATGCTGGATCCCGAGTGGCAAATTAC
 TGTTCAACACATCTATTAGAACACATCACCAATGAAGACTTCAGGGCAGCTGACAAAATCAGGCTCTG
 CTCTCGAGCCTCAGTAGAAAGTGTGAAGACTGGTATCAGGACTGGCTTTTTGAAAATTGATGAATATAT
 GCGTAACCTCTCAGACCTGAGGAACGGGATGGACAGGAGCGGCTCGACTGCAAGTGGCGTGATGGTCTCC
 CCTACACACATGTACTTCATCAACTGTGGTGACTCTCGAGCTGTTCTGTGTAGGAACGGACAGGTCTGCT
 TTTCTACCCAGGATCACAAACCTTGAATCCAGTGGAGAAGGAGCGCATCCAAAACGCAGGAGGCAGTGT
 GATGATCCAGCGTGTGAACGGCTCACTAGCAGTGTCTCGGGCTCTGGGGACTATGACTACAAGTGTGTG
 GATGGCAAGGGCCCTACAGAGCAGCTTGTTTCTCCAGAGCCTGAGGTTTATGAGATTGTGAGAGCAGAAG
 AGGATGAGTTTGTGCTTGGCCTGTGATGGGATCTGGGATGTGATGAGCAATGAGGAGCTCTGTGAGTT
 TGTTAAGTCTAGGCTTGAGGTGTCGGACACCTGGAGAATGTGTGCAATTGGGTAGTGGACACTTGTTTA
 CATAAGGGAAGTCGAGATAACATGAGTGTGATTAGTTTGTCTTTCAAATGCCCAAGGTCTCAGAGG
 AAGCCGTGAAGAGAGATTACAGATTGGATAAGCACTTGGAAATCACGGGTTGAAGAAATCATGCAGAAGTC
 TGGGGAGGAAGGAATGCCTGATCTTGCCCATGTGATGCGCATTTTGTCTGCAGAAAATATCCCGAATTTA
 CCTCCCGGGGAGGTCTCGCTGGCAAGCGCATGTTATTGAAGCTGTTTATAGTAGACTTAATCCACACA
 AAGACAATGATGGGATGGCAGACTTGAGCACGTCTATTTGTAACCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001159497.1](#), [NP_001152969.1](#)

RefSeq Size: 1609 bp

RefSeq ORF: 1173 bp

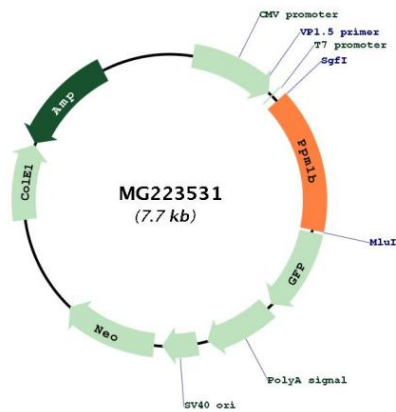
Locus ID: 19043

UniProt ID: [P36993](#)

Cytogenetics: 17 55.13 cM

Gene Summary: Enzyme with a broad specificity. Dephosphorylates PRKAA1 and PRKAA2. Inhibits TBK1-mediated antiviral signaling by dephosphorylating it at 'Ser-172'. Plays an important role in the termination of TNF-alpha-mediated NF-kappa-B activation through dephosphorylating and inactivating IKKKB/IKKB.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG223531