

Product datasheet for **MC223508**

PPP1R13B (NM_011625) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp1r13b (NM_011625) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppp1r13b
Synonyms: AI449786; ASPP1; AW545810; p85; Tp53bp2; Trp53bp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223508 representing NM_011625
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGCCGATGATATTAACCGTGTCTTGAGCAACAATGAACAGATTTAACAGAAGTTCCTATAACAC
 CAGAAACCACCTGTCGAGATGTCGTAGAATTCTGCAAGGAACCTGGAGAGGGCGTTGCCACCTGGCTGA
 AGTGTGGAGAGGAAGTGAGCGTCCCATCCCTATGACCACATGATGTATGAGCACCTGCAGAAGTGGGG
 CCTCGCAGAGAAGAAGTAAAATTTTTCTCGTCATGAGGATTCTCCAACCTGAGAGCAGTGAACAAGGTG
 CCCGTCAGACCCAAGAGCAGAGAACTCAGAGGAGTGTAGTAAATGTACCTGGAGAAAAGCCACTGAAAA
 TGGGGTTGGGAATCCACGTGTTGAACCTACCCTCTCAGAACTTCAAGATATGGCAGCCAGGCAGCAGCAG
 CAAATTGAAAACCAGCAGCAAAATGTTGGTTGCCAAGGAACAGCGTTTACATTTTCTAAAGCAACAGGAGC
 GCCGCCAGCAGCAGTCCGTTTCTGAAAATGAAAAGCTTCAGAACTGAAAGAGCGAGTTGAAGCCCAGGA
 AAACAAGCTGAAGAAGATCCGGGCCATGAGAGGACAAGTTGACTACAGCAAGATCATGAATGGCAATCTG
 TCTGCTGAGATAGAAAGTTTCAGTGCCATGTTCCAGGAGAAGAAACAGGAAGTTCAGACTGCAATCTTAC
 GAGTTGATCAGCTTAGTCAGCAACTAGAAGATTTAAAGAAAGAAAACCTGAATGGGTTCCAGTCATACAA
 TGGCAGGTTGACAGGGCCAGCAGCAGTGGAGTTGAAACGACTCTACCAAGAGCTGCAGATTCGTAACCCAG
 CTTAATCAGGAGCAGAATTCAGCTCCAGCAGCAGAAGGAGCTCTTGAACAAGCCGAACATGGAAGTGG
 CCATGATGGATAAGCGGATCAGTGAGCTGCGGGAGCGCCTGTATGGCAAGAAGATCCAGCTGAACCGTGT
 GAATGGCACATCGTCACCACAGTCACCCCTGAGCAGTCTGGCCGGTTCGCTGCTGTGGTCTTATATC
 CAGGTTCCAGTACTGGGGGTTTCTCTCCAGGGGACCCTGTGAAGCCCAGTCTCTCACCATCGCCT
 CAAGTGTGCCATGGAAGATCCAAATCTGCTAATGATGGAAGTGGCCACCATTAAAGCAGAATCTGC
 TTCAGTGAAGTCAACTCAGATGACTGGAGACTGGAAGGACTCAGGCATGGAGGGACCCTAAAGCAAGT
 GCCATCTCAAGCCAGCCTTTCCTTTGTCAGCACTGGGAGCTACAGAAAAGCTGGGCATCGAGATTGGCA
 AAGGGCCACCTCCATACCTGGTGTGGCAAGCCACTGCCCCAAAGTTATGGGACATATCCAAGTCTGG
 GCCCTTGGGCCCGGGATCAACAAGCTCTCTGGAGAGGAGAAAGAAGGAAGCTTGCCAGACCTGGTGCA
 GGCCACCAGTCCGAGAAACCTGCCCGCTGCCCCAGCAAGCAACGCTCCCGAGCCTGGCTCCTCAC



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AGCAGATTCAGCAGAGGATCTCAGTGCCACCAAGTCCCACATACCCGCCAGCGGGGCCACCTGCCTTTCC
 AACTGGAGATGGAAAACCTGAGCTTCCACTCACAGTGGCCATTAGGCCTTTCTGGCTGATAAAGGGTCA
 AGGCCACAATCTCCAGGAAAGGACCTCAGACAGTAAATTCAGTTCTATATACTCCATGTACCTCCAGC
 AAGCCACACCACCTAAGAAGTACCAGCCACCAGCGCATGGCACCTTAAATAAGTCAGTTAAAGCAGTGTA
 CGGTAAGCCTGTCTGCCGTGAGGTGAGCATCGCCATCACCTTACCCTTTCTCATGGTCACTGGGC
 ACAGGCCAGCCACAGCCTCAGCCACCTTCAGACTCTGCTGAGAAAAGGCCAGAGCAGGAAGGCCCCAGTG
 TACTGGAGAAGGCAGCACAGTGGAAAGCCTGCCACGGCCGCTCAGTCCCACCAAACCTCACACCCATCGT
 ACACCTCCCACTCCGTTATCAGAGTGATGCAGACCTGGAAGCTCTCCGCAGGAAGCTGGCCAATGCACCC
 CGACCCCTGAAGAAGCGCAGCTCTATCACAGAGCCAGAGGGCCCTGGAGGGCCCAACATTCAAAAGTTGC
 TTTACCAACGTTTCAACACCTTGGCTGGTGAATGGAGGGTACCCTTTCTACCAGCCCAGCCCTTCCCA
 GGACTTTGTGGGCACCTTAGCTGACATGGACAACGGAAACACCAATGCCAATGGCAACTGGACGAGCCT
 TTCCCTCCCGGCCACGGCCCACTTCTGAGGAGCTTGCCCTTCTCAGATGCCAATGATAATGAGT
 TACCTTCCCTGAGCCAGAGGAGCTCATTTGTCCCAAACAACCTCATCAAAGTCTGAGCCCACTGAAGA
 CAATAACAACAATGTGGCCCACTACCCTCCACAGAACAGATCCCAAGTCTGTGGCTGAGGCTCCTTCA
 GAGGAGGATCAAGTCCCTCCAGCACCTTTCCCGTCCATCCTCCAGCAGCATCCCGGAGCAAAAC
 GCACCAACCTGAAGAAGCCTAATCTGAACGGACAGGGCACGGGCTGAGAGTGCGCTTCAACCCCTAGC
 CCTGCTTCTGGACGCTTCTCTCGAAGGAGATTTGATCTAGTGCAGAGGATCATCTATGAGGTGGAGGAC
 CCTAGCAAACCAATGACGAAGGGATCACCCCTACACAATGCTGTCTGTGCTGGCCACCACCATATCG
 TGAAGTTTCTGTGGACTTTGGTGTCAATGTGAATGCTGCAGACAGTGCAGGATGGACACCACCTGCATTG
 TGCTGCCTCTTGAACAGTGTCCACCTTGCAAGCAGTGGTGGAAAGTGGAGCCGCTATCTTTGCCTCC
 ACCATCAGTGACATTGAGACTGCTGCAGACAAGTGTGAAGAGATGGAAGAGGGATACATCCAGTGTCCC
 AGTTTCTGTATGGGTACAAGAGAAGCTGGGAGTGAACAAAGGCACCGTGTATGCTTTGTGGGACTA
 CGAGGCCAGAACAGCGATGAGCTGTCTTCCATGAAGGGGATGCCATCACCATCCTGAGGCCAAAGAT
 GAAAACGAGACCGAGTGGTGGTGGCTCTTGGGGACCGGGAGGGCTACGTGCCCAAAAACCTTGCTGG
 GTTGTATCCACGGATCAAACCCCGCAGCGAACACTTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_011625

Insert Size:

3264 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_011625.1](#), [NP_035755.1](#)

RefSeq Size: 4355 bp

RefSeq ORF: 3264 bp

Locus ID: 21981

UniProt ID: [Q62415](#)

Cytogenetics: 12 F1

Gene Summary: Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53. Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo (By similarity).[UniProtKB/Swiss-Prot Function]