

Product datasheet for **MC221913**

PPP1R13I (NM_001010836) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R13I (NM_001010836) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R13I
Synonyms:	AV260376; IASPP; Nkip1; wa3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221913 representing NM_001010836
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACAGCGAAGCATTCCAGCATGCGAGGGACCTTCTGGACCTGAACTCCAGTCACTGGCCATGAAGC
 ACATGGATCTGAAACAGATGGAGCTGGACACCGCTGCCGCCAAAAGTGGACGAATTAACCAAGCAGTTAGA
 GTCGTTGTGGTACAGACTCGCCAGCTCCTCTGGCGCTCAGGCTGGAGTCCCCTCTAGGATGGCCCGGTAC
 AGCACCAGCCCGTCCCGAGCATTGGGAGCAGAGGGTACCTCAGAAGATAGCCACCGATGGCATAG
 AGGCCCGTTTTGGAGCTCGGAGAGTGCCTGCACCTTACAGCCCTGTCTCCCAAGGGCCG
 TCCGTCTTACCAGCGCACCCCTATCTACCTGCAGCCTGACACCTACAGCAGCCTAGATCGGGCGCCATCG
 CCCAGACCCCGCCTTCGATGGAGCGGGCAGCCCCATGGTGGGCACCGTCCCGAGGCCGGGATTG
 GCCCGGTGCGGCAGCCTGGTCCCTGACCCCTTTGACTATCTGGGCCGCGCAGGGTCCCCCGGGGCGAG
 CCCTCTAGCTGAGGGGCCAGGCTTCTCCCGAGCGAGGACCTTCCCACGTCCGCCTGCTGCAGCC
 TACGACACAGCGGCACGTTCCGGAGCCCTCTGCTGGGCCGCGGGTGGCAGTGCCTTACCCCGCCGCTTC
 GTGCACAAGATGACTCGACGCTGCGCCGGAGGCCCCCAAGGCCTGGAACGAGTCTGACTTGGATGTAGC
 CTACGAGAAAAAGTCTTACAGACAGCAAGCTACGAACGGCTGGATGTCTTACACCGGCCTGCCTCTCCG
 GGCTGCAGCTTACCCTGGAGAGAGCAGCCTGGATGGGCTGGGGCCAGTGGCAAGGACCACCTCA
 CCAGCGCCACTCTGCCACGCAATTACAAGTGTCTCTCTGGCCAGTGCAGGCGTTCTGACGTTGGCAG
 CTACCGCCGCTCTTTGGGCTCTGCAGGGCCCTCAGGCACTTTGCCCGCAGCTGGCAGCCGTGACGCCG
 ATCCCCATGCCCCCTCTAGCCACAGCCCGCAGCACCACGCCAGCGCCCATCCCCCTCAGTATGA
 TCTTTAAACTCCAGAATGCTTTCTGGGAACATGGAGCCGCGCAGGGCTGTGCTCCCGGGATCCCCCTCT
 CTCCCGAGCACCCACCTAAGCTGCCTCCCGAGCACCCCTCAGCCACAGATGCAACCCCAACCCCAA
 CCCCACCTCAGATGCAGCCCGTCCAGGCCAGCCTCAGACTCCAGCACCTCAACAGACTTGGTCTC
 CCATGAATGAAGGCCTCTCAAATCCCCTGCCAGCTGGAGCCCGAGCCGAGCTGGAGGTGCTACTGGC
 TCCTGTGGAGGAGCCGGGGATGCAGATGAAGGCACGGTACGCGGCCCTCAGCCCTACCAGGCTGCAG
 CCAGCGCTGCCACCGGAAGCACAGACTGTACCGAGCTGGAGGAGTGGCCGAGTGTGGCAGAGATTC
 CTCGACCCTCAAACGCAGAGGCTCCATGGAGCAGAGCCCTGCAGTGGCGCTGCCTCCACCCACAAGAA
 ACAATACCAACAGATCATCAATAGACTTCCATCGGCACGGCGCCAGGGCTGGAGGGCCTGAGCCG
 GAGCTGTCCACAATTACAGAGGATCTGAAGCCAGGGCAGGGCCCTGTCCCGCCACCAGCTCCTA
 TCCACCCCCAGCCACCCAGAGCAGCCTCCAGAGCAGCCTCAGAGCATGGAGATGCGCTCAGTACT
 GCGCAAAGTGGGGTCCCGCGCAAGGCCCGCGTGTCTCGCTCAATCCACTGGTGTGCTGTTGGATGCA
 GCGCTGACTGGAGAGTTGGACGTGGTACAGCAGCGGTGAAGGAGATGAACGACCCAAGCCAGCCCAACG
 AGGAGGGCATACCGCCCTGCACAATGCCATCTGCGGTGCCAACTACCCATCGTGGACTTCTCATCGC
 TGCGGGCGCAACGTCAACTCCCTGACAGCCACGGCTGGACGCCACTGCATTGTCCGCTTCTGCAAT
 GACTGCCATCTGCACAGCATTGGTGAACATGGTGGGCCATCTCGCCACCACTCTCAGTGACGGCG
 CCACCGCCATCGAAAAGTGGCACCCTTACCGGAGGGCTATGCAGACTGTGCCACCTACCTGGCAGACGT
 GGAACAAAGCATGGGACTGATGCACAATGGCGTTGTGTATGCACCTCTGGGACTACAGCGCAGAGTTGGG
 GATGAGCTGTCTTCCGAGAGGGCGAGTCACTGTGCTGCGGAGAGATGGGCCAGAGGAGACTGATT
 GGTGGTGGCCTCACTGCAGGCCAGGAAGGCTATGTGCCGCGCAACTACTTCGGGCTTCCCTAGAGT
 GAAGTCTCAGCGGAGCAAAATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001010836
 Insert Size: 2475 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:	<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:	NM_001010836.3 , NP_001010836.1
RefSeq Size:	3130 bp
RefSeq ORF:	2475 bp
Locus ID:	333654
UniProt ID:	Q5I1X5
Cytogenetics:	7 9.62 cM
Gene Summary:	Regulator that plays a central role in regulation of apoptosis and transcription via its interaction with NF-kappa-B and p53/TP53 proteins. Inhibits p53/TP53 function, possibly by preventing the association between p53/TP53 and ASPP1 or ASPP2, and therefore suppressing the subsequent activation of apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]