

## Product datasheet for **MR216532**

### **Ppp1r13l (NM\_001010836) Mouse Tagged ORF Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                            |
| Product Name:             | Ppp1r13l (NM_001010836) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK  |
| Symbol:                   | Ppp1r13l                                       |
| Synonyms:                 | AV260376; IASPP; Nkip1; wa3                    |
| Mammalian Cell Selection: | Neomycin                                       |
| Vector:                   | pCMV6-Entry (PS100001)                         |
| E. coli Selection:        | Kanamycin (25 ug/mL)                           |



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ORF Nucleotide  
Sequence:

>MR216532 representing NM\_001010836  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGCGAAGCATTCCAGCATGCGAGGGACCTTCTGGACCTGAACTCCAGTCACTGGCCATGAAGC  
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 GTCGTTGTGGTCAGACTCGCCAGCTCCTCTGGCGCTCAGGCTGGAGTCCCTCTAGGATGGCCCGGTAC  
 AGCACCAGCCCGTCCCGAGCATTGGCAGCAGAGGGTACCTCAGAAGATAGCCACCGATGGCATAG  
 AGGCCCGTTTTGGAGCTCGGAGAGTGGCCGTCCTGCACCCTTACAGCCCTGTCTCCCAAGGGCCG  
 TCCGTCTTACCAGCGCACCCCTATCTACCTGCAGCCTGACACCTACAGCAGCCTAGATCGGGCGCCATCG  
 CCCAGACCCCGCCTTCGATGGAGCGGGCAGCCCCATGGTGGGCACCGTCCCGAGGGCCGGGATTG  
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 ACAATACCAACAGATCATCAATAGACTTTCATCGGCACGGCGGCCAGGGCTGGAGGGCCTGAGCCG  
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 GAAGTCTCAGCGGAGCAAAATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR216532 representing NM\_001010836  
Red=Cloning site Green=Tags(s)

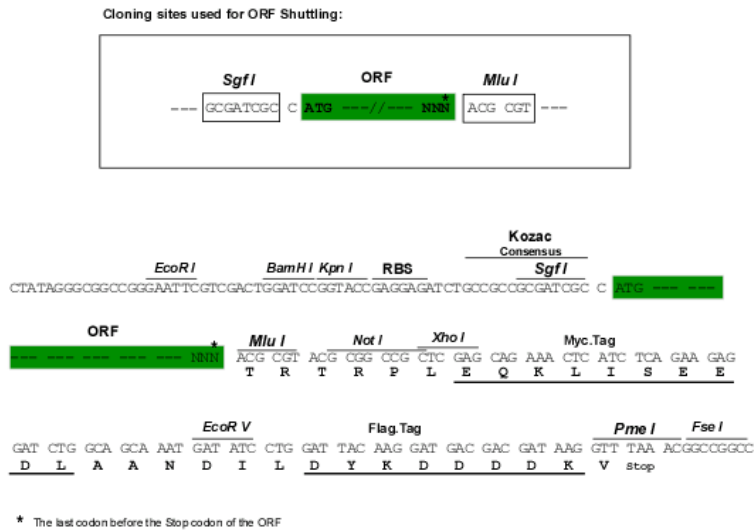
MDSEAFQHARDLLDLNFQSLAMKHMDLKQMELDTAAAKVDELTKQLESLWSDSPAPPGAQAGVPSRMARY  
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PRPRAFDGAGSPHGRAPSPRPGIGPVRQPGPSTPFDYLGGRAGSPRGSPLAEGPQAFFPERGSPRPPAAA  
YDTAGTFGSPLLGAGGSAFTPLRAQDDSTLRRRPPKAWNESDLVAYEKKSSQTASYERLDVFTRPASP  
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PQPQMPPQSQAPQTPAPQQTWSPMNEGLLKSPAEEPEPELEVLLAPVEEAGDADEGTVTRPLSPTRLQ  
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ALTGELDVVQQAVKEMNDPSQPNEEGITALHNAICGANYPVDFLIAAGANVNSPDSHGWTPLHCAASCN  
DTAICTALVQHGAIFATTLSDGATAIEKCDPYREGYADCATYLADVEQSMGLMHNGVVYALWDYSAEFG  
DELSFREGESVTVLRDGP EETDWWWASLHGQEGYVPRNYFGLFPRVKSQRSKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9104\\_g09.zip](https://cdn.origene.com/chromatograms/mm9104_g09.zip)

**Restriction Sites:** Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_001010836

ORF Size: 2472 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_001010836.3](#), [NP\\_001010836.1](#)

**RefSeq Size:** 3130 bp

**RefSeq ORF:** 2475 bp

**Locus ID:** 333654

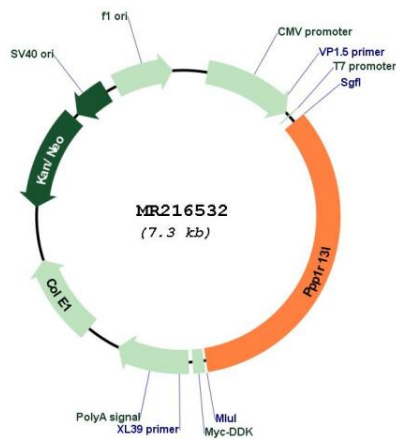
**UniProt ID:** [Q5I1X5](#)

**Cytogenetics:** 7 9.62 cM

**MW:** 89 kDa

**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]

**Product images:**



Circular map for MR216532