

## Product datasheet for **RC207150**

### iASPP (PPP1R13L) (NM\_006663) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	iASPP (PPP1R13L) (NM_006663) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	iASPP
Synonyms:	IASPP; NKIP1; RAI; RAI4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC207150 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGACAGCGAGGCATTCCAGAGCGCGGGACTTTCTGGACATGAACTCCAGTCGCTGGCCATGAAAC  
ACATGGATCTGAAGCAGATGGAGCTGGACACGGCGGCCAAGGTGGATGAACTGACCAAGCAGCTGGA  
GTCGCTGTGGTCAGACTCTCCCGCCTCTGGCCCGCAGGCCGACCCCTTCTAGGCCCGCCGGTAC  
AGCTCCAGCTCGATCCCTGAGCCCTTCGGCAGCCGAGGGTCCCCCGGAAGGCGGCCACCGACGGCGCAG  
ACACCCGTTTCGGACGATCAGAGAGTGCCTAACCCCTACACCCCTACAGCCCGTGTCCCCAAGGGACG  
GCCGTCGTCGCCGCGACCCCGCTCTACCTGCAGCCGACGCCTACGGCAGCCTGGACCGCGCAGCTCG  
CCCCGGCCCGCGCTTCGATGGCGCAGGACGCTCCCTCGGCCGTGCGCCCTCCCCGCGGCCCGGGCCAG  
GCCCGCTCGCCAGCAGGGTCCCCCACGCTTTCGACTTCTGGGCCGCGCAGGCTCCCCCGCGGCAG  
CCCCCTGGCGGAGGGGCCAGGCTTCTCCCGAGCGTGGGCCGTACCGCGCCCCCTGCCACAGCC  
TAGCAGCGCCAGCGTCCGCCTTCGGGAGCTCCCTGCTAGGCTCCGGCGCGCAGCGCATTCGCCCCGCTC  
TGCAGCGCAAGACGACCTGACGCTGCGCCGGCGCCTCCGAAAGCCTGGAACGAGTCTGACCTGGACGT  
GGCGTACGAGAAGAAGCCTTCGCAGACAGCGAGCTATGAACGCCTGGACGTCTTCGCAAGGCCTGCCTCG  
CCGAGCCTGCAGCTGTTGCCTTGGAGGGAGAGCAGCCTGGATGGACTGGGGGACCGGGCAAGGACAACC  
TCACTAGCGCCACCCTGCCGCGCAATTACAAGGTCTCTCTTGGCCAGCGACCGCGCTTCAGACCGGG  
CAGCTACCGCGCTCGCTGGGCTCCGCGGGCGCTCGGGCACTTTCCTCGCAGCTGGCAGCCCGTCAAG  
CGCATCCCCATGCCCCCTCCAGCCCCAGCCCCGCGGGGCCCGCGCCAGCGTCCCATCCCCCTCCAGCA  
TGATCTTCAAGCTGCAGAAGCCTTCTGGGAGCACGGGGCCAGCCGCGCCATGCTCCCTGGTCCCCCTC  
TTTACCCGAGCACCCCGCTAAGCTGCAGCCCAACCAACCAACAGCCCAAGCAATCACAAACCA  
CAGCCCCAGCTGCCCCACAGCCCCAGCCCAACCCAAACCCCTACCCAGCCCCCAGCATCCCCAAC  
AGACATGGCCCCCTGTGAACGAAGGACCCCAACCCCAACCCAGCTGGAGCCTGAGCCGGAGATAGA  
GGGGTGTGACACCAAGTGTGGAGGCTGGCGATGTGGATGAAGGCCCTGTAGCAAGGCCTCTCAGCCCC  
ACGAGGCTGCAGCCAGCACTGCCACCGGAGGCACAGTCCGTGCCCGAGCTGGAGGAGGTGGCAGGGTGT  
TGGCGAAATTTCCCGGCCCTCAAACGCAGGGGCTCCATGGAGCAGGCCCTGCTGTGGCCCTGCCCC  
TACCCACAAGAAACAGTACCAGCAGATCATCAGCCGCTTTCATCGTCATGGGGGCCAGGGCCCGGG  
GGCCCGGAGCCAGAGCTGTCCCATCACTGAGGGATCTGAGGCCAGGGCAGGGCCCTGCTCCTGCC  
CACCAGCTCCATTCACCCCGGCCCGTCCAGAGCAGCCACCAGAGCAGCCGAGAGCATGGAGAT  
GCGCTCTGTGCTGCGGAAGGCGGGTCCCCGCGCAAGGCCCGCCGCGCGCCTCAACCTCTGGTGCTC  
CTCCTGGACCGGCGCTGACCGGGAGCTGGAGGTGGTGCAGCAGGCGGTGAAGGAGATGAACGACCCGA  
GCCAGCCCAACGAGGAGGGCATCACTGCCTTGACAACGCCATCTGCGGCCCAACTACTCTATCGTGGA  
TTTCTCATCACCGGGTGCCAATGTCAACTCCCCGACAGCCACGGCTGGACACCTTGCAGTGCAGG  
GCGTCGTGCAACGACACAGTCACTGCATGGCGCTGGTGCAGCACGGCGCTGCAATCTTCGCCACCACGC  
TCAGCGACGGCGCCACCGCTTCGAGAAGTGCACCCCTTACCAGGAGGTTATGCTGACTGCGCCACCTA  
CCTGGCAGACGTCGAGCAGAGTATGGGGCTGATGAACAGCGGGGAGTGTACGCTCTCTGGGACTACAGC  
GCCGAGTTCGGGGACGAGCTGTCTTCCGCGAGGGCGAGTCGGTACCGTGTGCGGAGGGACGGGCCGG  
AGGAGACCGACTGGTGGTGGGCCGCTGCACGGCCAGGAGGGTACGTGCCGCGGAACTACTTCGGGCT  
GTTCCCCAGGGTGAAGCCTCAAAGGAGTAAAGTC

AG**GACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC207150 protein sequence  
Red=Cloning site Green=Tags(s)

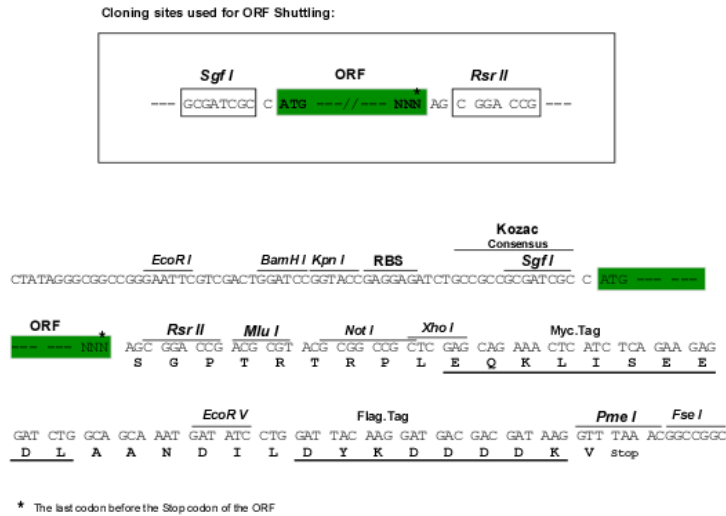
MDSEAFQSARDFLDMNFQSLAMKHMDLKQMELDTAAAKVDELTKQLESLWSDSPAPPGPQAGPPSRPPRY  
SSSSIEPFSGSRGSPRKAATDGADTPFGRSEAPTLHPYSPLSPKGRPSSPRTPLYLQPDAYGSLDRATS  
PRPRAFDFGAGSSSLGRAPSPRPGPLRQQGPPTPFDFLGRAGSPRGSPLAEGPQAFFPERGSPRPPATA  
YDAPASAFGSSLLGSGGSAFAPPLRAQDDLTLRRRPPKAWNESDLDVAYEKKPSQTASYERLDVFARPAS  
PSLQLLPWRESSLDGLGGTGKDNLTSATLPRNYKVSPLASDRSDAGSYRRSLGSAGPSGTLPRSWQPVS  
RIPMPSSPQPRGAPRQRPIPLSMIFKLQNAFWEHGASRAMLPGSPLFTRAPPKLQPQPQPQPQSQP  
QPQLPPQPQTQPQTPTPAPQHPQQTWPPVNEGPPKPTELEPEPEIEGLLTPVLEAGDVDEGPVARPLSP  
TRLQPALPPEAQSVPELEEVARVLAIEIPRPLKRRGSMEQAPAVALPPTHKKYQQIISRLFHRHGGPGPG  
GPEPELSPITEGSEARAGPPAPAPPAPIPPPAPSQSSPPEQPQSMEMRSVLRKAGSPRKARRARLNPLVL  
LLDAALTGELEVQAVKEMNDPSQPNEEGITALHNAICGANYSIVDFLITAGANVNSPDSHGWTPLHCA  
ASCNDTVICMALVQHGAEIFATLSDGATAFEKCDPYREGYADCATYLADVEQSMGLMNSGAVYALWDYS  
AEFGDELSFREGESVTVLRDDGPEETDWWAALHGQEGYVPRNYFGLFPRVKPQRSKV

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6821\\_h02.zip](https://cdn.origene.com/chromatograms/mk6821_h02.zip)

**Restriction Sites:** Sgfl-RsrII

Cloning Scheme:



ACCN: NM\_006663

ORF Size: 2484 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_006663.4](#)

**RefSeq Size:** 3120 bp

**RefSeq ORF:** 2487 bp

**Locus ID:** 10848

**UniProt ID:** [Q8WUF5](#)

**Cytogenetics:** 19q13.32

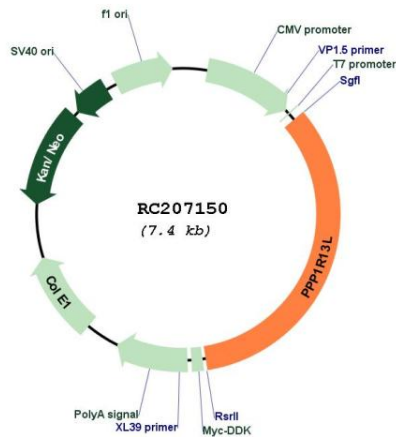
**Domains:** SH3, ANK

**Protein Families:** Transcription Factors

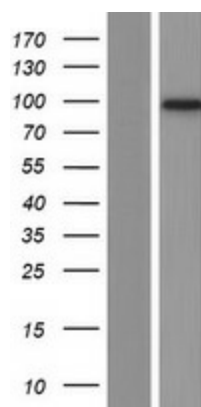
**MW:** 89.1 kDa

**Gene Summary:** IASPP is one of the most evolutionarily conserved inhibitors of p53 (TP53; MIM 191170), whereas ASPP1 (MIM 606455) and ASPP2 (MIM 602143) are activators of p53.[supplied by OMIM, Mar 2008]

**Product images:**



Circular map for RC207150



Western blot validation of overexpression lysate (Cat# [LY428136]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC227121] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).