

Product datasheet for **RG227121**

iASPP (PPP1R13L) (NM_001142502) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	iASPP (PPP1R13L) (NM_001142502) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	iASPP
Synonyms:	IASPP; NKIP1; RAI; RAI4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG227121 representing NM_001142502
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGCGAGGCATTCAGAGCGCGGGACTTTCTGGACATGAACTCCAGTCGCTGGCCATGAAAC
 ACATGGATCTGAAGCAGATGGAGCTGGACACGGCGGCCAAGGTGGATGAACTGACCAAGCAGCTGGA
 GTCGCTGTGGTCAGACTCTCCCGCCTCTGGCCCGCAGGCCGGACCCCTTCTAGGCCCGCCGGTAC
 AGCTCCAGCTCGATCCCTGAGCCCTTCGGCAGCCGAGGGTCCCCCGGAAGGCGGCCACCGACGGCGCAG
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 CCCCTGGCGGAGGGGCCAGGCTTCTCCCGAGCGTGGGCCGTACCGCGCCCCCTGCCACAGCC
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 CAGCTACCGCGCTCGCTGGGCTCCGCGGGCGCTCGGGCACTTTCCTCGCAGCTGGCAGCCCGTACG
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 CCTGGCAGACGTCGAGCAGAGTATGGGGCTGATGAACAGCGGGGCAGTGTACGCTCTGGGATACAGC
 GCCGAGTTCGGGGACGAGCTGTCTTCCGCGAGGGCGAGTCGGTACCCGTGCTGCGGAGGGACGGCCGG
 AGGAGACCGACTGGTGGTGGGCCGCTGCACGGCCAGGAGGGTACGTGCCGCGGAACTACTTCGGGCT
 GTTCCCCAGGGTGAAGCCTCAAAGGAGTAAAGTC

ACCGTACGCGGCCGCTCGAG – GFP Tag – GTTAA

Protein Sequence: >RG227121 representing NM_001142502
 Red=Cloning site Green=Tags(s)

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MDSEAFQSARDFLDMNFQSLAMKHMDLKQMELDTAAAKVDELTKQLESLWSDSPAPPGPQAGPPSRPPRY
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PRPRAFDFGAGSSLGRAPSPRPGPLRQQGPPTPFDFLGRAGSPRGSPLAEGPQAFFPERGSPRPPATA
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PSLQLLPWRESSLDGLGGTGKDNLTSATLPRNYKVSPLASDRSDAGSYRRSLGSAGPSGTLPRSWQPVS
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QPQLPPQPQTQPQTPTPAPQHPQQTWPPVNEGPPKPTELEPEPEIEGLLTPVLEAGDVDEGPVARPLSP
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GPEPELSPITEGSEARAGPPAPAPPAPIPPPAPSQSSPPEQPQSMEMRSVLRKAGSPRKARRARLNPLVL
LLDAALTGELEVQAVKEMNDPSQPNEEGITALHNAICGANYSIVDFLITAGANVNSPDSHGWTPLHCA
ASCNDTVICMALVQHGAEIFATTLSDGATAFEKCDPYREGYADCATYLADVEQSMGLMNSGAVYALWDYS
AEFGDELSFREGESVTVLRDDGPEETDWWAALHGQEGYVPRNYFGLFPRVKPQRSKV
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001142502

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.

RefSeq: [NM_001142502.2](#)

RefSeq Size: 3122 bp

RefSeq ORF: 2487 bp

Locus ID: 10848

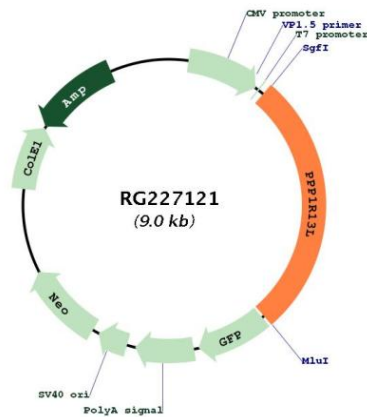
UniProt ID: [Q8WUF5](#)

Cytogenetics: 19q13.32

Protein Families: Transcription Factors

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 RG227121