

Product datasheet for **SC115944**

iASPP (PPP1R13L) (NM_006663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	iASPP (PPP1R13L) (NM_006663) Human Untagged Clone
Tag:	Tag Free
Symbol:	iASPP
Synonyms:	IASPP; NKIP1; RAI; RAI4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006663, the custom clone sequence may differ by one or more nucleotides

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ATGGACAGCGAGGCATTCCAGAGCGCGGGACTTTCTGGACATGAACTCCAGTCGCTGGCCATGAAAC
ACATGGATCTGAAGCAGATGGAGCTGGACACGGCGCGGCCAAGGTGGATGAACTGACCAAGCAGCTGGA
GTCGCTGTGGTCAGACTCTCCCGCGCTCTGGCCCGCAGGCGGACCCCTTCTAGGCCGCCCGGTAC
AGCTCCAGCTCGATCCCTGAGCCCTTCGGCAGCCGAGGGTCCCCCGGAAGGCGGCCACCGACGGCGCAG
ACACCCCGTTTCGGACGATCAGAGAGTGCSCCAACCTACACCCCTACAGCCCGCTGTCCCCCAAGGGACG
GCCGTCGTCGCGCGCACCCCGCTCTACCTGCAGCCGGACGCCTACGGCAGCCTGGACCGCGCGACCTCG
CCCCGGCCCCGCGCTTCGATGGCGCAGGCAGCTCCCTCGGCCGTGCGCCCTCCCCGCGGCCCGGGCCAG
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CCCCCTGGCGGAGGGGCCAGGCCTTCTCCCCGAGCGTGGGCCGTACCGCGCCCCCTGCCACAGCC
TAGCAGCGCCAGCGTCCGCCTTCGGGAGCTCCCTGCTAGGCTCCGGCGGCAGCGCATTGCCCCCGCTC
TGGCGCGCAAGACGACCTGACGCTGCGCCGGCGCCCTCCGAAAGCCTGGAACGAGTCTGACCTGGACGT
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CCGAGCCTGCAGCTGTTGCCTTGGAGGGAGAGCAGCCTGGATGGACTGGGGGGCACCGGCAAGGACAACC
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CGCATCCCCATGCCCCCTCCAGCCCCAGCCCCGCGGGGCCCGCGCCAGCGTCCCATCCCCCTCAGCA
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TACCCACAAGAAACAGTACCAGCAGATCATCAGCCGCTTCCATCGTCATGGGGGGCCAGGGCCCGGG
GGGCGGAGCCAGAGCTGTCCCCATCACTGAGGGATCTGAGGCCAGGGCAGGGCCCCCTGCTCCTGCC
CACCAGCTCCATTCCACCCCGGCCCGTCCCAGAGCAGCCACCAGAGCAGCCGAGAGCATGGAGAT
GCGCTCTGTGCTGCGGAAGGCGGGCTCCCCGCGCAAGGCCGCGCGCGCCTCAACCCTGGTGCTC
CTCCTGGACGCGCGCTGACCGGGAGCTGGAGGTGGTGCAGCAGCGGTGAAGGAGATGAACGACCCGA
GCCAGCCAAACGAGGAGGGCATCACTGCCTTGACAACGCCATCTGCGGGCCAACTACTCTATCGTGGA
TTTCTCATACCGCGGGTGCCAATGTCAACTCCCCGACAGCCACGGCTGGACACCCTTGCAGTGCAGC
GCGTCGTGCAACGACACAGTCACTGCATGGCGCTGGTGCAGCAGCGCGTGAATCTTCGCCACCACGC
TCAGCGACGGCGCCACCGCTTCGAGAAGTGCAGCCCTTACCGCGAGGGTTATGCTGACTGCGCCACCTA
CCTGGCAGAGCTCGAGCAGAGTATGGGGCTGATGAACAGCGGGGAGTGTACGCTCTCTGGGACTACAGC
GCCGAGTTCGGGACGAGCTGTCCTTCCGCGAGGGCGAGTCGGTACCGTGTGCGGAGGGACGGGCCGG
AGGAGACCGACTGGTGGTGGGCCGCGCTGCACGGCCAGGAGGGTACGTGCCCGGAACTACTTCCGGCT
GTTCCCCAGGGTGAAGCCTCAAAGGAGTAAAGTCTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006663 unedited</p> <p>TATTTTGTAAACGACTCACTATAGGGCGGCNCGGAATCGGCACGAGGGCCTTCTGGGA GCACGGGGCCAGCCGCGCCATGCTCCCTGGGTCCCCCTCTTACCCGAGCACCCCGCC TAAGCTGCAGCCCAACCACAACCACAGCCCCAGCCACAATCACAACCACAGCCCCAGCT GCCCCACAGCCCAGACCCAACCCAAACCCCTACCCAGCCCCCAGCATCCCCAACA GACATGGCCCCCTGTGAACGAAGGACCCCCAAACCCCAACCCGAGCTGGAGCCTGAGCC GGAGATAGAGGGGCTGCTGACACCAGTGTGGAGGCTGGCGATGTGGATGAAGGCCCTGT AGCAAGGCCTCTAGCCCCACGAGGCTGCAGCCAGCACTGCCACCGGAGGCACAGTCGGT GCCCGAGCTGGAGGAGGTGGCACGGGTGTTGGCGAAATTCCCCGGCCCTCAAACGCAG GGGCTCCATGGAGCAGGCCCTGCTGTGGCCCTGCCCCCTACCCACAAGAAAACAGTACCA GCAGATCATCAGCCGCTCTTCCATCGTCATGGGGGGCCAGGGCCCGGGGGCCGGAGCC AGAGCTGTCCCCATCACTGAGGGATCTGAGGCCAGGGCAGGGCCCTGCTCCTGCCCC ACCAGCTCCATTCCACCCCGGCCCGTCCCAGAGCAGCCACCAGAGCAGCCGCAGAG CATGGAGATGCGCTCTGTCTGCGGAAGCGGGNCTCCCGCGAAGGCCCGNCGNGCGCG CCTCACCTNTGGTGTCTCTNCTGGCACGCGCTGACCGNGAGCTGGAGGTGGTGCAN NCAGCCGGTGAAGAGATGAACGACCCGAGCCAGCCAACGAGGAGGCATCACTGTCTTGCA CAACGCATCTGCGCGCAACTACTCTATCGTGGATTCTCATCACGGGGTGCCATGTTC ACTCCCCGAAGNCACGGTGAAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006663 unedited</p> <p>CCGCCCAATTAGCTGATGNACGCGTCGGNCTCGCTATTTTACGGATCNGCTTTTTTTTT TTTTTTTTCTGTGCAAACACTTTTATTATAAGGAAAGTTTCTATTTTGTTTATAA ACATTAACCAGTGTGTGAAGGCACTTAATTGGGGAGAGGTGGGGACAGGGAATCTC TGGTAGAAGACCAATGGTTTCTCCACCTCAGACCTCCAAAACCTGCTGGGAGAGATGGTG TCAGCAGTGACTCCCAGGAATATCCAGTGGTGTGGTGGCCATCCAGGCCCGGCTGGGC AGGTGGCTGGCTTGTGGGGATGTGATGATGGTGGTAGGCATGGGAGGCACTTTGGACG GGATCTGATTTGGCAAAGGAAGTGGTTTCTGTCCCCAGTGATTTCCAGCCCTCCCAG ACCTTCCACGGCTAAGGCAGATTACTAAATTTAAGGCTGGGGCCCTCCTTCTCCCTGGA CTTCCAGGAGAACAGACAACCGGTGGCAAGGACCACCAACAGGGTGGGGGTGCAGA TACCAGGCATCAAAAACACAGGTACAGGTTTGGAGGGAAGGCAGGAATGCTTGTCTGT TCAGCCTCAAAAACCTCCTTTTATCCTGTAGACTTTACTCATTTGAGGCCTACCCTGG GAAACAGACCAAAATAGTTCCGCGGCCGTTTCTCTTTGGCCGTTTCATGTCGTCTCC ACCATCTAGTCTTCTCGGCACTTCTCTTGCACACCGGTTCCCGTCTCCCCCTTCTTA ATCGACCCCTATTCTTTATATCCATTTTCTTATACACAACCGCATCCATTCACCCCTCG TCATCCCTTTTATCTCATCCCCCTTTTCTCTTTTGTCTCTCACTCTATCTTTCT CCCCATTCTCCCCTTATCTCTCTTAC</p>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_006663
Insert Size:	2000 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_006663.1](#), [NP_006654.1](#)

RefSeq Size: 3120 bp

RefSeq ORF: 3120 bp

Locus ID: 10848

UniProt ID: [Q8WUF5](#)

Cytogenetics: 19q13.32

Domains: SH3, ANK

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]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.