

Product datasheet for **SC318309**

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-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_006663 edited
 CCGCCGCCAGCATGCCCCGGCCCGGGCCGCTCCGCCGCCAGCCACCCCGCGGCCCTC
 GCGGCCCTGCGCTCGGCCCGGGGCGCGGGAACCGCAGCCGGAGCCGGAGCGGGAGCAG
 CGAGCCGAGCCCCGGGCGCTCGAATGCAGGATGCTCGTGGTCCCCAGCATCCTTGAGCC
 ACCAGGAGTGAGGGCTGCTGCTCCCTGAGACCTGGCTCCAAGGAGGATGCCACAGCCGCC
 TGCCAGTCCGGTCTGCACCATGAGTATGAGCGCGGCTGCCTGGCAGTGCAGTGGGCT
 GGCTGGTATGTGGGGCCCTCTCCCTGCTGGCCAATGCCTGGGGCATCCTCAGCGTTGGCG
 CCAAGCAGAAGAAGTGAAGCCCTTGGAGTTCCTGCTGTACGCTCGCGGCCACCCACA
 TGCTAAATGTGGCCGTGCCCATCGCCACCTACTCCGTGGTGCAGCTGCGGCGGCAGCGCC
 CCGACTTCGAGTGAATGAGGGTCTCTGCAAGTCTTCGTGTCCACCTTCTACACCCTCA
 CCCTGGCCACCTGTTTCTGTACCTCCCTCTCTACCACCGCATGTGGATGGTCTGCT
 GGCCTGTCAACTACCGCTGAGCAATGCCAAGAAGCAGGCGGTGCACACAGTCATGGGTA
 TCTGGATGGTGCCTTATCCTGTGCGCCCTGCCTGCCGTTGGTGGCACGACACCAGCG
 AGCGCTTCTACACCCATGGCTGCCGCTTATCGTGGCTGAGATCGGCCTGGGCTTTGGCG
 TCTGCTTCTGCTGCTGGTGGGCGCAGCGTGGCCATGGGCGTATCTGCACAGCCATCG
 CCCTCTTCCAGACGCTGGCCGTGACGTTGGGGCGCCAGGCCGACCACCGGCCTTACC
 TGCCACCATCGTGGTGGAGGACGCGCAGGGCAAGCGGCCTCCTCCATCGATGGCTCGG
 AGCCCGCCAAAACCTCTCTGCAGACCACGGGCTCGTGACCACCATAGTCTTATCTACG
 ACTGCCTCATGGGCTTCCCTGTGCTGGTGGTGGAGCTTACGACGCTGCGGGCCGACGCT
 CAGCGCCCTGGATGGCACTCTGCGTGTGTGGTGTCCGTGGCCAGGCCTGCTGCTGC
 CTGTGTTCTCTGGGCTGCGACCGCTACCGGGCTGACCTCAAAGCTGTCCGGGAGAAGT
 GCATGGCCCTCATGGCCAACGACGAGGAGTCAAGCATGAGACCGCTGGAAGTGGCA
 TCTCCCCGACCTGGTGTGGAGCGCTCCCTGGACTATGGCTATGGAGGTGATTTTGTGG
 CCTAGATAGGATGGCCAAGTATGAGATCTCCGCTGGAGGGGGCTGCCACAGCTCT
 ACCCACTGCGGCCCTTGCAGGAGACAAGATGCAATACCTGCAGGTCCCGCCACGCGGC
 GCTTCTCCACGACGATGCGGACGTGTGGGCGCCGTCCCGCTGCCCGCTTCTGCCGC
 GCTGGGGCTCCGGCGAGGACCTGGCCGCTTGGCGCACCTGGTGTGCTGCCGGGCCCCG
 AGCGGCGCGCGCCAGCCTCCTGGCCTTCGCGGAGGACGACCACCGTCCCGCGCGCGCC
 GCCGCTCGGCCGAGAGCCTGCTGCTGCGGCCCTCGGCCCTGGATAGCGGCCCGGGG
 GAGCCCGGACTCGCCCCCGGACGCCCGCGCCCGCCCCGGGCGCGGCCCGCCGCTCCG
 CCTCGGCTCGCTGCTGCCGACGCTTCCGCTGACCGCTTCCAGTGCAGCCACAGG
 CCCTGCGCCGCCCGCCGGGCCCTTCCCGCTGCGCCCGCCCGCCCGACGGCGCAGATC
 CCGGAGAGGCCCGACGCCCCCAAGCAGCGCCAGCGGAGCCAGGGCCACGCCCTCTG
 CGCACTCGCACGCGGCTCTCTGCGCCCGGCTGAGCGCGTCTGGGGCGAGCCCGGGG
 GGCTGCGCGCGGGCGGGCGGGCGGCGAGCACCAGCAGTCTCTGAGTTCCCCCTCCGAGT
 CCTCGGGCTACGCCACGCTGCACTCGGACTCGTGGGCTCCGCTCTAGGACCGCGGC
 GCCTCCCCACGGACGCCAGGCAGGCCAGGCCGCTCTCCGGGGCCGAGCACCAAAGACGC
 CCGCTCCCCCGCGCGCAGACATGCGCCACCCTCCAGGGGTGAGGGGGCGTTGGCC
 TCAGCGTTTGTCTTCCGGCTCTCCAGCTGGCCTTGTCCAGGGGCGACGGCTGCCCCG
 GACGACTGCGCTGGGACCGCATGTCCCGGCGGAGTGAGGTGCGGCTGGGGAGCTGAG
 TGACATCCCAAGCTTGGCTTGGTAGTGAGTGACATGTGCACACGTCCAGCTGCGCCAT
 CACCAGCCTGCGCAACAGGACGTGCGGAGCAGGGAACCTGAGACAGGGCCACTGCGGGA
 TCGGACAAAGCCCGCTTTGGAGAGGCTGAGCTGGAGCCATTGGCTCCCCAGGGGCTTT
 CCACCCACTGCACCATAACCGCCACACCCTTCCGGGGGGGGAGGGTACAGAGGGTCT
 CTAAGCACAGGGGTTCAGAGCCGAACAAGCTTTGATCAGGTTTCCCTGCAAAAAAAA
 AA

Restriction Sites: NotI-NotI

ACCN: NM_006663

Insert Size: 3100 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_006663.2.
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:	<u>NM_006663.2</u> , <u>NP_006654.2</u>
RefSeq Size:	3117 bp
RefSeq ORF:	2487 bp
Locus ID:	10848
UniProt ID:	<u>Q8WUF5</u>
Cytogenetics:	19q13.32
Domains:	SH3, ANK
Protein Families:	Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>