

Product datasheet for **SC116136**

PPIH (NM_006347) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIH (NM_006347) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIH
Synonyms:	CYP-20; CYPH; SnuCyp-20; USA-CYP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_006347 edited
ATGGCGGTGGCAAATTC AAGTCCTGTTAACCCCGTGGTGTCTTTGATGTCAGTATTGGC
GGTCAGGAAGTTGGCCGCATGAAGATCGAGCTCTTTCAGACGTTGTGCCTAAGACGGCC
GAGAACTTTAGGCAGTTCTGCACCGGAGAATTCAGGAAAGATGGGGTTCCAATAGGATAC
AAAGGAAGCACCTTCCACAGGGTCATAAAGGATTCATGATTCAGGGTGGAGATTTTGT
AATGGAGATGGTACTGGAGTCGCCAGTATTTACCGGGGGCCATTTGCAGATGAAAATTTT
AACTTAGACACTCAGCTCCAGGCCTGCTTTCCATGGCGAACAGTGGTCCAAGTACAAAT
GGCTGTCAGTTCTTTATCACCTGCTCTAAGTGGCATTGGCTGGATGGGAAGCATGTGGTG
TTTGGAAAATCATCGATGGACTTCTAGTGATGAGAAAGATTGAGAATGTTCCACAGGC
CCCAACAATAAGCCCAAGCTACCTGTGGTGATCTCGCAGTGTGGGAGATGTAG



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006347 unedited NGGGGGNNNNNNNNNNNNNNCCNNCCGGTTCAGAAATTTGTNATACGACTCATATA GGCGGCCGCGNAATTCGCACGAGCATGGCGGTGGCAAATTCAGTCCTGTAAACCCCGTG GTGTTCTTTGATGTCAGTATTGGCGGTGAGAAAGTTGGCCGCATGAAGATCGAGCTCTTT GCAGACGTTGTGCCTAAGACGGCCGAGAAGTTAGGCAGTTCTGCACCGGAGAATTCAGG AAAGATGGGGTCCAATAGGATACAAAGGAAGCACCTTCCACAGGGTCATAAAGGATTTCC ATGATTCAGGGTGGAGATTTTGTAAATGGAGATGGTACTGGAGTCGCCAGTATTTACCGG GGGCCATTTGCAGATGAAAATTTTAAACTTAGACACTCAGCTCCAGGCCTGCTTTCCATG GCGAACAGTGGTCCAAGTACAAATGGCTGTCAGTTCTTTATCACCTGCTCTAAGTGCAT TGGCTGGATGGGAAGCATGTGGTGTGGAAAAATCATCGATGGACTTCTAGTGATGAGA AAGATTGAGAATGTTCCACAGGCCCAACAATAAGCCCAAGCTACCTGTGGTATCTCG CAGTGTGGGGAGATGTAGTCCAGACAAAGACTGAATCANGCCTTCCCTTCTTCTTNGGTG TGTTCTTGAGTAAGAATATCTGGACTGGCCCCGTCTTTGCTTCCCTGCCTGCTGCTGCC CCATTNTGATCAGAGACATGGNAGTGTGAGAGATTCAGAAATCCCAGATTGCTTTTTAGT TTCAAAGTGAATAAAGTTTTTTGTATGCGTAAAAAAAAAAAAAAAAACTCGACTCTAG ATTGCGGCCCGCGTCATAGCTGTTTCTGAACAGATCCCGNNTGGCATCCNTGTGACCC CTCCCCATGCCTNTTCTGGCCCTGGNAGTGCCACTCCATGCCACCACCTTTTGTCTATA AAATNAGNTGCATCATTNTGCTGACTNAGNGTCTCTATATATATGGNTGAGGGGGGGG GGTTTTATTACAAGGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006347 unedited AGTTAAAATCTTTTTTTTTTACGCATACAAAAAACTTTATTTACAGTGTGAAAACCTTA AAGACAATCTTGGATTCTGAATCTCTGACACTTCCATGGTCTCTTGATCAAATGGGGCAG CAGCAGGCAGGAAGCAAAGACGGGGCCAGTCCAGATTATCTTACTCAAGAACCACCACC AAGAAGAAGGGAAGGCCTGATTCAGTCTTTGTCTGGACTACATCTCCCCACACTGCGAGA TCACCACAGGTAGCTTGGGCTTATTGTTGGGGCCTGTGGGAACATTCTCAATCTTTCTCA TCACTAGAAGTCCATCGATGATTTTTCCAAACACCACATGCTTCCCATCCAGCCAATCGC ACTTAGAGCAGGTGATAAAGAACTGACAGCCATTTGTACTTGGACCCTGTTTCGCCATGG AAAGCAGGCCTGGAGCTGAGTGTCTAAGTTTAAATTTTTCATCTGCAAATGGCCCCGGT AAATATGGCGACTCCAGTACCATCTCCATTAACAAAACTCCACCCTGAATCATGAAAT CCTTTATGACCCTGTGGAAGGTGCTTCTTTGTATCCTATTGGAACCCCATCTTTCTCTGA ATTCTCCGGTGCAGAAGTGCCTAAAGTTCTCGGCCGTCTTATGCACAACGCTCTGCAAAGA GCTCGATCTTATGCCGCAACTTCTGACCGCAATACTGACATCAAAGAACCACCGG GGTTAACAGGACTTGAATTTGCCACCGNCATGCTCGTGCCGAATTCGCGCCGCCCTATAT GAGTCGATTACAAATTCTGACGTTCACTAAACGAGCTCTGCTATTAGACCTCCACGTC A</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006347
Insert Size:	800 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_006347.3](#), [NP_006338.1](#)

RefSeq Size: 813 bp

RefSeq ORF: 534 bp

Locus ID: 10465

UniProt ID: [O43447](#)

Cytogenetics: 1p34.2

Domains: pro_isomerase

Protein Pathways: Spliceosome

Gene Summary: The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is a specific component of the complex that includes pre-mRNA processing factors PRPF3, PRPF4, and PRPF18, as well as U4/U5/U6 tri-snRNP. This protein has been shown to possess PPIase activity and may act as a protein chaperone that mediates the interactions between different proteins inside the spliceosome. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) encodes the longer isoform (1).