

Product datasheet for **SC120581**

PPIL4 (NM_139126) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL4 (NM_139126) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL4
Synonyms:	HDCME13P
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC120581 sequence for NM_139126 edited (data generated by NextGen Sequencing)

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ATGGCGGTTCTACTGGAGACCACCTTTAGGCGACGTCGTCATCGACTTGTACACCGAAGAA
CGGCCCGTGCCTGCTTGAATTTCTTAAAAGTGTGCAAAAATAAATTACAATTATTGC
CTTATTCACAATGTACAGAGGGATTTTATCATACAAAGTGGCGATCCTACAGGGACTGGC
CGTGGAGGAGAGTCTATCTTTGGCCAAGTGTATGGTGATCAAGCAAGCTTTTTTGGGCA
GAAAAAGTCCCAAGAATTAAGCACAAGAAGAAAGGCACAGTGTCCATGGTGAATAATGGC
AGTGATCAACATGGATCTCAGTTTCTTATCACCACAGGAGAAAAATCTAGATTATCTTGAT
GGTGTCCATACGGTGTGGTGGTGAGGTGACAGAAGGCATGGACATAATTAAGAAAAATTAAT
GAGACCTTTGTTGACAAGGACTTTGTACCATATCAGGATATCAGGATAAATCATAACGGTG
ATTTTAGATGATCCATTTGATGACCCTCCTGATTTATTAATCCCTGATCGATCACCAGAA
CCTACAAGGGAACAATTAGATAGTGGTGAATAGGAGCAGATGAAGAAATGATGATTTT
AAAGGAAGATCAGCTGAGGAAGTAGAAGAAATAAAGGCAGAAAAAGAGGCTAAAACCTCAG
GCTATACTTTTGGAGATGGTGGGAGACCTACCTGATGCAGATATTAACCTCCAGAAAAAT
GTACTGTTTGTGTAAATTAAGCCAGTGACCACAGATGAGGATCTGGAATAATATTC
TCTAGATTTGGGCAATTAAGAAGTTGTGAAGTTATCCGAGACTGGAAGACAGGAGAGTCC
CTCTGTTACGCTTTTATTGAATTTGAAAAGGAAGAAGATTGTGAGAAAAGATTCTTCAAA
ATGGACAATGTGCTTATAGATGACAGAAGAATACATGTGGATTTTAGCCAGTCCGTTGCA
AAGGTTAAATGGAAGGAAAAGGTGGGAAATACACCAAGAGTGATTTCAAGGAGTATGAA
AAAGAACAGGATAAACCCACTAATTTGGTCTGAAAGATAAAGTAAAGCCCAACAGGAT
ACAAAATACGATCTTATATTAGATGAGCAGGCCGAAGACTCAAAATCAAGTCACTCACAC
ACAAGTAAAAACACAAGAAGAAAACCCATCACTGTTCTGAAGAGAAAAGAAGATGAGGAC
TACATGCCAATCAAAAATACTAATCAGGATATCTATAGAGAAAATGGGGTTTGGTCACTAT
GAAGAAGAAGAAAGCTGTTGGGAGAAAACAAAAGAGTGAAAAGAGAGACCGAACTCAGAAC
CGAAGTCGTAGCCGATCTCGAGAGAGGGATGGCCATTATAGTAATAGTCATAAATCAAAA
TACCAACAGATCTTTATGAAAGAGAAAGGAGTAAAAGAGAGACCGAAGCAGAAGTCCA
AAGAAGTCCAAGATAAAGAAAAATCTAAGTATAGATGA
    
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Clone variation with respect to NM_139126.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_139126 unedited
GGTACAAATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACCANANAGAGAG
AGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG
AGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGCCATGGCGGTTCTACTGGAGAC
CACTTTAGGCGACGTCGTCATCGACTTGTACACCGAAGAACGGCCCGTGCCTGCTTGAA
TTTCTTGAAGTGTGCAAAAATAAATATTACAATTATTGCCTTATTCACAATGTACAGAG
GGATTTTATCATACAAAGTGGCGATCCTACAGGGACTGGCCGTGGAGGAGAGTCTATCTT
TGGCCAAGTGTATGGTGATCAAGCAAGCTTTTTTGGAGCAGAAAAAGTCCCAAGAATTA
GCACAAGAAGAAAGGCACAGTGTCCATGGTGAATAATGGCAGTGATCAACATGGATCTCA
GTTTCTTATCACCACAGGAGAAAATCTAGATTATCTTGATGGTGTCCATACGGTGTGTTGG
TGAGGTGACAGAAGGCATGGACATAATTAAGAAAATTAATGAGACCTTTGTTGACAAGGA
CTTTGTACCATATCAGGATATCAGGGATAATCATAACGGGATTTTAGATGATCCATTTGA
TGACCCTCCTGATTTATTAATGCCTGATCGATCACCAGAACCTACAAGGGAACAATTANA
TAGTGGTGAATAGGAGCATATGAAGAAATTTGGTATTTCAAAGGGAGATCCGCTTGAGA
AGTTGGAGAATTATAGCCGCAAAAGAGGCTAAACTCACGCTATACTTTTGAGATGTGGGA
GACCCTACTGTGAGATTTNTAACTCCCAAAATGACTGTTGTGTGTTAATTGACCCAGT
GGCCACGTTGAGGATCTGGAATAATTTCTAGATTTGCCAATAAT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_139126 unedited GGAATGCGGTCTCCCGCGCCCAATCCGGGTGGGGGGAAGCCCNNNNTTGGGGGGC GTTTTTNTCGGNTGGCTGGGGGGGGGGTGGGTCCCAAGAATCCCCCTTTGTTGT AAAATTATAAGAGACAACAGAGAAAGATAAAATCCCAACCATCTTCGCGAGGGAGAGG GCCTTACCGAACTTCTAAATGTCTACTACCTGTCTCTTAAGCTGGTTTTGAGGGGG CGGATATTTACCTTTCTATCCCGTTGTGCACACGTTTAGGTGTTTTGTACTATGAAAT ACTTCATTAAGAGAGAGTAAAAATGTAAGACTTCACAAATGAAGACAACCATTTATGT ATAACAACAAAATTATTGTAAGAAAGTATACACAGAAAATGTTCAATTCTTAGCTTCCA AGGCTGCAGGCACGCGGTGTTAATAAGGAAGATCATCCTCCTCCGATAAAATTACAACC ATTGACCGAAGATCTACACATCTCTTTCTGCCCTACTCCATCCACAGCGTCAAATC GCAACCCGCTACTAACCAGCATCACATCCACAAGTAAGAGACTAGGACCAACACTCAA CATCGGGAACACCGACGACGCCCGGAGGTAGCTGACCCCGCATCGCACGGTCCGCTCTG GAGTAGGCGTTTATCCCAACGACGGGGCCCGCTGTACGACCCGCCCCAGGCCAGT ACGCAGCCAGACCGCTCTCGCACCGACGTCCGCAGCAAAGCTCTGCCACCCAATAAA CCCCACCGACTGGTCAAACAAAAGGGCGGACCGGTAAGAGAGGAGTAGCGCCGACCG GAGATTGCGCACACAACCCACCTTGCTACCAGAACACCTACCGCCGCGCAGGTACCC G
Restriction Sites:	ECoRI-NOT
ACCN:	NM_139126
Insert Size:	2250 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:	<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_139126.2</u> , <u>NP_624311.1</u>
RefSeq Size:	2481 bp
RefSeq ORF:	1479 bp
Locus ID:	85313
UniProt ID:	<u>Q8WUA2</u>
Cytogenetics:	6q25.1
Domains:	RRM, pro_isomerase

Gene Summary:

This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. [provided by RefSeq, Jul 2008]