

## Product datasheet for **SC323746**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_139126.2  
 CCCGGGGTTTGTAGCGGAGGAGGAGCGGGCCATGGCGGTTCTACTGGAGACCACTTTA  
 GGCGACGTCGTCATCGACTTGTACACCGAAGAACGGCCGCGTGCCTGCTTGAATTTCTTG  
 AAAGTGTGCAAAATAAAATTACAATTATTGCCTTATTCACAATGTACAGAGGGATTTT  
 ATCATACAACTGGCGATCCTACAGGGACTGGCCGTGGAGGAGAGTCTATCTTTGGCCAA  
 CTGTATGGTGATCAAGCAAGCTTTTTTGGAGCAGAAAAAGTCCCAAGAATTAAGCACAAG  
 AAGAAAGGCACAGTGTCCATGGTGAATAATGGCAGTGATCAACATGGATCTCAGTTTCTT  
 ATCACCACAGGAGAAAACTAGATTATCTTGATGGTGTCCATACGGTGTGGTGAGGTA  
 ACAGAAGGCATGGACATAATTAAGAAAAATTAATGAGACCTTTGTTGACAAGGACTTTGTA  
 CCATATCAGGATATCAGGATAAATCATAACGGTGTATTTAGATGATCCATTTGATGACCCT  
 CCTGATTTATTAATCCCTGATCGATCACCAGAACCTACAAGGGAACAATTAGATAGTGGT  
 CGAATAGGAGCAGATGAAGAAATGATGATTTCAAAGGAAGATCAGTGAGGAAGTAGAA  
 GAAATAAAGGCAGAAAAAGAGGCTAAAACCTCAGGCTATACTTTTGGAGATGGTGGGAGAC  
 CTACCTGATGCAGATATTAACCTCCAGAAAATGACTGTTTGTGTGTAATTTGAACCA  
 GTGACCACAGATGAGGATCTGGAATAATATTCTCTAGATTTGGGCCAATAAGAAGTTGT  
 GAAGTTATCCGAGACTGGAAGACAGGAGAGTCCCTCTGTTACGCTTTTATTGAATTTGAA  
 AAGGAAGAAGATTGTGAGAAAGCATTCTTCAAAATGGACAATGTGCTTATAGATGACAGA  
 AGAATACATGTGGATTTAGCCAGTTCGGTTGCAAAGGTTAAATGGAAAGGAAAAGGTGGG  
 AAATACACCAAGAGTGATTTCAAGGAGTATGAAAAAGAACAGGATAAACCACCTAATTTG  
 GTTCTGAAAGATAAAGTAAAGCCCAAACAGGATACAAAATACGATCTTATATTAGATGAG  
 CAGGCCGAAGACTCAAAATCAAGTCACTCACACACAAGTAAAAACACAAGAAGAAAACC  
 CATCACTGTTCTGAAGAGAAAAGAAGATGAGGACTACATGCCAATCAAAAATACTAATCAG  
 GATATCTATAGAGAAAATGGGGTTTGGTCACTATGAAGAAGAAGAAAGCTTTGGGAGAAA  
 CAAAAGAGTGAAAAGAGAGACCGAAGTCAAGAACCGAAGTTCGAGCCGATCTCGAGAGAGG  
 GATGGCCATTATAGTAATAGTCATAAATCAAAATACCAAACAGATCTTTATGAAAGAGAA  
 AGGAGTAAAAAGAGAGACCGAAGCAGAAGTCCAAAGAAGTCCAAAGATAAAGAAAAATCT  
 AAGTATAGATGAAAGATGAAGAGGCAGAATTGAGAGGCTAACATATTTACTCTTGCTAA  
 CTTAAGAGTGCCAGGAAAGCAGATGCTTAGATTTTGTGTCAAAGCTTGTATTTTTTTTCA  
 TACTAGGATTATGGTCTTTAGATTAATACTGATTATATAGAGCACGGAAGATAAAGAAT  
 TGAACATTTTCTTTGTATACTTTTTTACACTAATTTTATTGTTATACATAAATGGTAGTC  
 TTCATTTTTGAAGTCTTACATTTTCACTCTTTTTTAAATGAAGTATTTTCACTACAAAA  
 ATACATAAACGTATATATAAAGGATAATAAATGTAAATATCTGTGTACTCATCAGCCAG  
 CTTAAGATACAGATGTTGTGCACATTTTAGAAGTTCCTAAGGCCCTCTCCCTCTCAAAAT  
 AATTATTTGGAATTTTGTGTTTGTCTATTATAGTTTTACAACATACGTATGTA  
 TCTGTAAGTGAATGTTAATTTTGTATGTTTCTGAATTTTATATAAATGGCAAAATGTTT  
 AA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_139126

**Insert Size:** 1479 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_139126.2</a></u> , <u><a href="#">NP_624311.1</a></u>
<b>RefSeq Size:</b>	2481 bp
<b>RefSeq ORF:</b>	1479 bp
<b>Locus ID:</b>	85313
<b>UniProt ID:</b>	<u><a href="#">Q8WUA2</a></u>
<b>Cytogenetics:</b>	6q25.1
<b>Domains:</b>	RRM, pro_isomerase
<b>Gene Summary:</b>	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]