

## Product datasheet for **SC216060**

### Cyclophilin A (PPIA) (NM\_021130) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Cyclophilin A (PPIA) (NM_021130) Human 3' UTR Clone
Symbol:	Cyclophilin A
Synonyms:	CYPA; CYPH; HEL-S-69p
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021130
Insert Size:	1725 bp



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**Insert Sequence:** >SC216060 3'UTR clone of NM\_021130  
 The sequence shown below is from the reference sequence of NM\_021130. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCATTGCTGACTGTGGACAACTCGAATAAGTTTGACTTGTGTTTTATCTTAACCACCAGATCATTCT
TCTGTAGCTCAGGAGAGCACCCCTCCACCCATTGCTCGCAGTATCCTAGAATCTTTGTGCTCTCGCT
GCAGTTCCCTTTGGGTTCCATGTTTTCTTGTCCCTCCCATGCCTAGCTGGATTGCAGAGTTAAGTTT
ATGATTATGAAATAAAACTAAATAACAATTGCCTCGTTTGTAGTTAAGAGTGTTGATGTAGGCTTTAT
TTTAAGCAGTAATGGGTTACTTCTGAAACATCACTTGTGTTGCTTAATTCTACACAGTACTTAGATTTTT
TTTACTTTCCAGTCCCAGGAAGTGTCAATGTTTGTGAGTGGAATATTGAAAATGTAGGCAGCAACTGG
GCATGGTGGCTCACTGTCTGTAATGTATTACCTGAGGCAGAAGACCACCTGAGGGTAGGAGTCAAGATC
AGCCTGGGCAACATAGTGAGACGCTGTCTACAAAAAATAATTAGCCTGGCCTGGTGGTGCATGCCTA
GTCTAGCTGATCTGGAGGCTGACGTGGGAGGATTGCTTGAGCCTAGAGTGAGCTATTATCATGCCACT
GTACAGCCTGGGTGTTACAGATCTTGTGTCTCAAAGGTAGGCAGAGGCAGGAAAAGCAAGGAGCCAGA
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AAAATTGAGACATCTGTTGCGGTTTTTTTTTTTTTTTTTTTTCCCTGGAATGCAGTGGCGTGATCTCAGC
TCACTGCAGCCTCCGCTCCTGGGTTCAAGTGATTCTAGTGCCTCAGCCTCCTGAGTAGCTGGGATAAT
GGGCGTGTGCCACCATGCCAGCTAATTTTTGTATTTTAGTATAGATGGGGTTTCATCATTTTTGACCA
GGCTGGTCTCAAACCTCTGACCTCAGCTGATGCGCCTGCCTTGGCCTCCCAAACCTGCTGAGATTACAGA
TGTGAGCCACCGCACCTACCTCATTTTTCTGTAACAAAGCTAAGCTTGAACACTGTTGATGTTCTTGAG
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AGTCTAAAAAGCCAGGTACTTGGTGCTACAGTCACTCCTGCAGAGGTTAAGGCGCAGACTACCTG
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TGCAAACCTGACCAATTTAAGCCATAAGATCTGGTCAAAGGGATACCCTTCCCACTAAGGACTTGGTTT
CTCAGGAAATTATATGTACAGTCTGCTGGCAGTTAGATGTCAGGACAATCTAAGCTGAGAAAACCCC
TTCTCTGCCACCTAACAGACCTTAGGGTTCTTAACCCAGCAATCAAGTTTGCCTATCCTAGAGGTG
GCGGATTTGATCATTTGGTGTGTTGGGCAATTTTTGTTTTACTGTCTGGTTCCTTCTGCGTGAATTACC
ACCACCACCACTTGTGCATCTCAGTCTTGTGTGTTGTCTGGTTACGTATCCCTGGGTGATACCATTCA
ATGTCTTAATGTAATTTGGTCTCAGACCTGAGTGAAGGTGAAAATAAACATCAAACATCTTTTCATTA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_021130.5](#)

**Summary:**

This gene encodes 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. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. [provided by RefSeq, Jul 2008]

**Locus ID:**

5478

**MW:**

63.8