

Product datasheet for **SC214963**

Cyclophilin F (PPIF) (NM_005729) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cyclophilin F (PPIF) (NM_005729) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPIF
Synonyms:	Cyp-D; CyP-M; CYP3; CypD
ACCN:	NM_005729
Insert Size:	1522 bp



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Insert Sequence: >SC214963 3'UTR clone of NM_005729
 The sequence shown below is from the reference sequence of NM_005729. 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
GTCATCACAGACTGTGGCCAGTTGAGCTAATCTGTGGCCAGGGTGTGGCATGGTGGCAGCTGCAAATG
TCCATGCACCCAGGTGGCCGCTGGGGCTGTGAGCCAAGGTGCCTGAAACGATACGTGTGCCCACTCCA
CTGTACAGTGTGCCTGAGGAAGGCTGTAGGGATGTTAGACCTCGGCCAGGACCCACCACATTGCTTC
CTAATACCCACCCCTTCTCACGACCTCATTCTGGGCATCTTTGTGGACATGATGTACCCACCCCTTG
TCAAGCATTGCCTGTGATTGCCAGCCAGATTTCATCTGTGCCTGGACATGGTGTGGTGTGGTTG
CCATCCAAGTAAAGTCTTTTCTTGACCAAGGGGACAGTCAGTTTTGAAAAGGACTTAATACCTG
TTTAATATTGCTTCTAATTGGGATAATTTAATTAACAAGATTGACTAGAAGTAAAAGTGAACACTA
ACTTCCCGTGTGTGGTGTGACCTGAGTTGGTGTGACACAGGCCACAGACCCAGAGCTTGGCTTTTGAA
ACACAACCTCAGGGCTTTTGTGAAGGTTCCCGCTGAGATCTTCTCCTGGTACTGTGAAGCCTGTT
GGTTTGCTGTGCTGTTTTGAGGAGGGCCATGGGGGTAGGAGCAGTTGAACCTGGGAACAAACCTCA
CTTGAGCTGTGCCTAGACAATGTGAATTCCTGTGTTGCTAACAGAAGTGGCCTGTAAAGCTCCTGTGCTC
CGGAGGGAAGCATTCTCCTGGTAGGCTTTGATTTTTCTGTGTGTTAAAGAAATTAATCTACTCATGATG
TGTTATGCATAAAACATTTCTGGAACATGGATTGTGTTACCTTAAATGTGAAAATAAATCCTATTTT
CTATGGAAGACTGGTACCTGGTTTCTGGAAGAGGGGTCTGTGACTTGGAGCTGATCTTTACTGAGCTCG
CCGTGGCAGATGCCATGCTCAGGACGTTTCATGTGGATGGTTTCATGTCATCGTGTGGCAACTTGTCTC
CCCTGCCTTAGAGATGAGGCTCAGACAAACGACCTTAGCACCCATAGCCTATGCCATGAGCACTGGCTC
CACCTGAATCCAGCTCCTCCCTTAGTGACCCCAAGTCTGTTCCCTCAGCTGCATAAGGAGGGGAT
ATAGTTTGAATATTTGTCCCAAGCAAATCTCATGTTGAACTGTAATCCCAAGTGTGGAGTGGGGCC
TGCTACGAGGTGTTGGATCATGGGGACGGGTATTTATGGCTTGGTGTGTTTTCTTGATGGTGAATT
ATTGCAAGATACGGTCATTTAAATTTGTGTGGCACCTCCCGCTGCCCTTCTTGCTCCTGCTTTACC
ATGTGACATGCCTGATCCCGCTTACCTTTGCCATGGTCATAAGCTTCTGAGGCTCCTGGAAGCT
GAGCAGATGCCAGCACCATGCTTCTGTACATCTGCAGAACCATAAGCCAATTAACCTTTTTAATAA
TAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_005729.4](#)

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 part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death. [provided by RefSeq, Jul 2008]

Locus ID: 10105

MW: 55.6