

Product datasheet for **SC319090**

PPIC (NM_000943) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PPIC (NM_000943) Human Untagged Clone
Tag: Tag Free
Symbol: PPIC
Synonyms: CYPC
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_000943.4
 CCCGTCAGCTGTCCCAGAGCCTGTGTGCGCGCCCGTGCCGGTAGCGCCCGTGCCGGTAGCG
 CCGCTGCCACCGCTCACCATGGGCCCGGGTCTCGGCTGCTGCTACCTCTCGTGCTTTGC
 GTGGGGCTCGGGCGCACTTGTGTTTTCTTCGGGGGCCGAGGGCTTCGCAAGCGAGGCCCC
 TCGGTGACGGCCAAGGTCTTCTTTGATGTGAGGATTGGAGACAAAGATGTTGGCAGAATT
 GTGATTGGCCTCTTTGAAAAAGTTGTGCCAAGACAGTGGAAAATTTTGTGCTCTAGCA
 ACAGGAGAGAAAAGGATATGGATATAAAGGAAGCAAGTTTCATCGTGTCATCAAGGATTTT
 ATGATTCAAGGAGGTGACATCACCCTGGAGATGGCACTGGGGGTGTGAGCATCTATGGT
 GAGACATTTCCAGATGAGAACTCAAGCTGAAGCACTATGGCATTGGGTGGGTGAGCATG
 GCCAACGCTGGGCTGACACCAATGGCTCTCAGTCTTTATCACCTTGACCAAGCCCACC
 TGGTTGGACGGCAAACATGTGGTGTGGAAAAAGTCATTGATGGGATGACAGTGGTGAC
 TCCATAGAGCTCCAAGCAACTGATGGGCATGACCGTCCACTCACCAACTGCTCGATCATC
 AACAGTGGCAAGATAGACGTGAAAACGCCTTTTGTGGTTGAGATCGCTGATTGGTGACAC
 AACTGGCAGAAAACAAGGATATGCTTTGGCAGGGGTGTGTGTGTGTGTGTGTGTGTGT
 GTGTTGTGTTGTCTTTCAATTATTTGCTTTTTTTTTTTACTTTCTTTTGTATTCTATCC
 CAGATCACAGGAAAGTTATAAAATCAAACCGTCACCCTTTAGTTTGCTTGAACCTTGTAGT
 AAACCACCTGCTTAGGGACTTTGAACTTAAATATATCCCTTCTCAAGTGGTGCATTTT
 TAAAATAAAAAAACTTTGAATTGGCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_000943

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).



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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.
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:	NM_000943.4 , NP_000934.1
RefSeq Size:	1241 bp
RefSeq ORF:	639 bp
Locus ID:	5480
UniProt ID:	P45877
Cytogenetics:	5q23.2
Domains:	pro_isomerase
Protein Families:	Transmembrane
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. Similar to other PPIases, this protein can bind immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008]