

#### OriGene Technologies, Inc.

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# Product datasheet for TP301143

### PPIC (NM\_000943) Human Recombinant Protein

### **Product data:**

Description:Recombinant protein of human peptidylprolyl isomerase C (cyclophilin C) (PPIC), 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Cloop or AA Sequence:Rc201143 protein sequence Red-Cloning site Green=Tags(s)MGPGPRLLLPLVLCVGLGALVFSSGAEGFRKRGPSVTAKVFFDVRIGDKDVGRIVIGLFGKVVPKTVENF VALATGEKGYGYKGSKFHRVIKDFMIQGGDITTGDGTGGVSIYGETFPDENFKLKHYGGWVSMANAGPD DWTag:CMgyCDRLTag:CMy/DDKPredicted MW:2.6 kDa0.50 µg/L as determined by microplate BCA methodPurity:30% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Som Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stole for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M200934Locus ID:54837	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA closeRc201143 protein sequence Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)RdGGPRLLLPLVLCVGLGALVFSSGAEGFRKRGPSVTAKVFFDVRIGDKDVGRIVIGLFGKVVPKTVENF VALATGEKGYGYKGSKFHRVIKDFMIQGGDITTGDGTGGVSIYGETFPDENFKLKHYGGWVSMANAGPD DVGSQFFITLTKPTWLDGKHVVFGKVIDGMTVVHSIELQATDGHDRPLTNCSIINSGKIDVKTPPVEIA DWTag:CMCyCDDKFredicted MW:2.6 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.50 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:6 corentration:0.5 mV Tris-HCI, 100 mM glycine, PH 7.3, 10% glycerolPreparation:6 recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sior et sting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Sior et s80°C.Stability:Siable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 000934Locus ID:5480	Description:	Recombinant protein of human peptidylprolyl isomerase C (cyclophilin C) (PPIC), 20 $\mu g$
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VALATGEKGYGYKGSKFHRVIKDEMIQGGDITTGDGTGGVSIYGETFPDENFKLKHYGIGWVSMANAGPD TNGSQFFITLTKPTWLDGKHVVFGKVIDGMTVVHSIELQATDGHDRPLTNCSIINSGKIDVKTPFVVEIA DWTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:22.6 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor est sting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora et -80°C.Fability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:M 200934Locus ID:5480	•	
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Locus ID: 5480	Stability:	
	RefSeq:	<u>NP 000934</u>
UniProt ID: <u>P45877</u>	Locus ID:	5480
	UniProt ID:	<u>P45877</u>

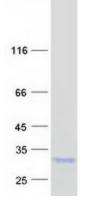


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	PPIC (NM_000943) Human Recombinant Protein – TP301143
RefSeq Size:	1241
Cytogenetics:	5q23.2
RefSeq ORF:	636
Synonyms:	CYPC
Summary:	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPlase)) family. PPlases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Similar to other PPlases, this protein can bind immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane

## **Product images:**



Coomassie blue staining of purified PPIC protein (Cat# TP301143). The protein was produced from HEK293T cells transfected with PPIC cDNA clone (Cat# [RC201143]) using MegaTran 2.0 (Cat# [TT210002]).

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