

## Product datasheet for **TP301143**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human peptidylprolyl isomerase C (cyclophilin C) (PPIC), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC201143 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MGPGPRLLLPLVLCVGLGALVFSSGAEGFRKRGPSVTAKVFFDVRIGDKDVGRIVIGLFGKVVPKTVENF  
VALATGEKGYGYKGSKFHRVIKDFMIQGGDITTDGDTGGVSIYGETFPDENFKLKHYGIGWVSMANAGPD  
TNGSQFFITLTKPTWLDGKHVFGKVIDGMTVVHSIELQATDGHDRPLTNCISIINSGKIDVKTPFVVEIA  
DW

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_000934](#)

**Locus ID:** 5480

**UniProt ID:** [P45877](#)



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RefSeq Size: 1241

Cytogenetics: 5q23.2

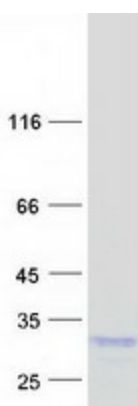
RefSeq ORF: 636

Synonyms: CYPC

**Summary:** The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (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]

**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]).