

# Recombinant Full length Human peptidylprolyl isomerase A (cyclophilin A) Protein, His-tagged

Cat. No. PPIA-187H Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full length Human PPIA Protein with His tag was expressed in HEK293.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Full length  |
| <b>Description</b>      | 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. |
| <b>Tag</b>              | His  |
| <b>Endotoxin</b>        | < 1 EU/μg by LAL.  |
| <b>Purity</b>           | > 90 % by SDS-PAGE   |

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**Storage** Store it at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile PBS, pH 7.4

## GENE INFORMATION

**Gene Name** PPIA peptidylprolyl isomerase A (cyclophilin A) [Homo sapiens (human)]

**Official Symbol** PPIA

**Synonyms** PPIA; peptidylprolyl isomerase A (cyclophilin A); peptidyl-prolyl cis-trans isomerase A; CYPA; PPIase A; rotamase A; cyclophilin; T cell cyclophilin; cyclosporin A-binding protein; CYPH; MGC12404; MGC23397; MGC117158

**Gene ID** 5478

**mRNA Refseq** NM\_021130

**Protein Refseq** NP\_066953

**MIM** 123840

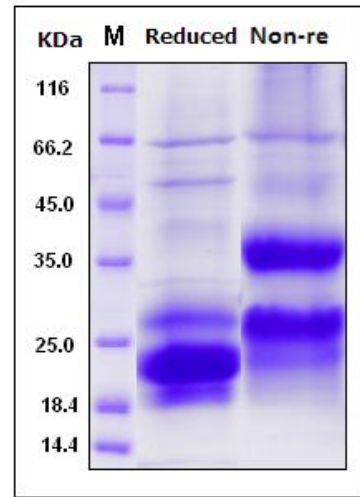
**UniProt ID** P05092

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**SDS-PAGE analysis  
of purified  
recombinant Human  
PPIA**



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