

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

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

SPECIFICATION

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

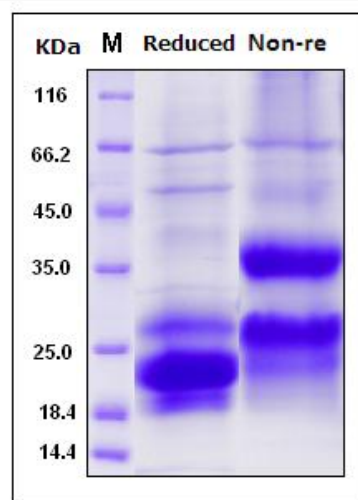
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**SDS-PAGE analysis
of purified
recombinant Human
PPIA**



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