

Recombinant Full Length Human PPIA Protein, C-Flag-tagged

Cat. No. PPIA-50HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPIA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.8 kDa
AA Sequence	MVNPTVFFDIAVDGEPLGRVSELFADKVPKTAENFRALSTGEKGFYKGGSCFHRIIP GFMCQGGDFTRH NGTGGKSIYGEKFEDENFTLKHTGPGILSMANAGPNTNGSQFFI CTAKTEWLDGKHVVFVKVKEGMNIVE AMERFGSRNGKTSKKITIADCGQLETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

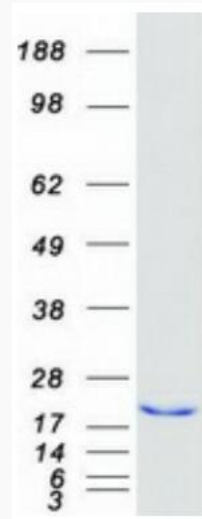
GENE INFORMATION

Gene Name	PPIA peptidylprolyl isomerase A [Homo sapiens (human)]
Official Symbol	PPIA
Synonyms	CYPA; CYPH; HEL-S-69p
Gene ID	5478
mRNA Refseq	NM_021130.5
Protein Refseq	NP_066953.1
MIM	123840
UniProt ID	P62937

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Coomassie blue staining of purified PPIA protein.

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