

Recombinant Human PPIF

Cat. No. PPIF-27049TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Cyclophilin F; 198 amino acids, 21 kDa.
Species	Human
Source	E.coli
Description	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. This protein is part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris, 1mM DTT, pH 7.5
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHCSKGSGBPSSSSSSGNPLVY LDVDANGKPLGRVV LELKADVVPKTAENFRALCTGEKGFG YKGSTFHRVIPSFMCQAGDFTNHNGTGGK SIYGSRFPDEN FTLKHVGPVLSMANAGPNTNGSQFFICTIKTDWLDGKHV VFGHV

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KEGMDVVKKIESFGSKSGRTSKKIVITDCGQLS

Full Length

Full L.

GENE INFORMATION

Gene Name

PPIF peptidylprolyl isomerase F [Homo sapiens]

Official Symbol

PPIF

Synonyms

PPIF; peptidylprolyl isomerase F; peptidylprolyl isomerase F (cyclophilin F); peptidyl-prolyl cis-trans isomerase F, mitochondrial; cyclophilin D; Cyp D; hCyP3;

Gene ID

10105

mRNA Refseq

NM_005729

Protein Refseq

NP_005720

MIM

604486

Uniprot ID

P30405

**Chromosome
Location**

10q22-q23

Pathway

Toxoplasmosis, organism-specific biosystem; Toxoplasmosis, conserved biosystem;

Function

cyclosporin A binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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