

Recombinant Human PPIF protein

Cat. No. PPIF-543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPIF protein(P30405)(30-207 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	30-207 aa
Form	Supplied as a 0.2 µm filtered solution in PBS, pH7.4, with 1 mM DTT, 10 % glycerol.
Molecular Mass	Approximately 18.9 kDa, a single non-glycosylated polypeptide chain containing 178 amino acids.
AASequence	CSKGSGDPSS SSSSGNPLVY LDVDANGKPL GRVVLELKAD VVPKTAENFR ALCTGEKGFY YKGSTFHRVI PSFMCQAGDF TNHNGTGGKS IYGSRFPDEN FTLKHVGPV LSMANAGPNT NGSQFFICTI KTDWLDGKHV VFGHVKEGMD VVKKIESFGS KSGRTSKKIV ITDCGQLS
Endotoxin	Less than 0.1 EU/µg of rHuCyP-D as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

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; PPIase F; rotamase F; cyclophilin 3; cyclophilin F; peptidyl-prolyl cis-trans isomerase, mitochondrial; CYP3; Cyp-D; FLJ90798; MGC117207;

Gene ID 10105

mRNA Refseq NM_005729

Protein Refseq NP_005720

MIM 604486

UniProt ID P30405

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