

## Recombinant Human PPIA protein, His-tagged

**Cat. No.** PPIA-1140H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPIA protein(P62937)(Met1-Glu165), fused with His tag, was expressed in E. coli.                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Glu165                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, 150mM NaCl, 20% glycerol, pH 7.7Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant human PPIA consisting of 175 amino acids and has a calculated molecular mass of 19.4 kDa as estimated in SDS-PAGE under reducing conditions.                                                                                                                                                      |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                   |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                     |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | PPIA peptidylprolyl isomerase A (cyclophilin A) [ Homo sapiens ]                                                                                                                                                          |
| 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      | P62937                                                                                                                                                                                                                    |

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