

# Recombinant Human PPIA protein, His&Myc-tagged

**Cat. No.** PPIA-4080H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPIA protein(P62937)(1-165aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-165aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 23.0 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MVNPTVFFDIAVDGEPLGRVSEFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIP<br>GFMCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFI<br>CTAKTEWLDGKHVVFVGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**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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