# Recombinant Rat Ppia protein, His-tagged

**Cat. No.** Ppia-5691R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rat Ppia aa. (Val2~Leu164 (Accession # P10111)) fused with N-terminal His tag was produced in E. coli cells. |
| **Species** | Rat |
| **Source** | E.coli |
| **ProteinLength** | Val2~Leu164 |
| **Description** | May play a role in protein folding or intracellular protein transport. |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | 19 kDa as determined by SDS-PAGE reducing conditions. |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | >95% |
| **Characteristic** | The isoelectric point is 8.4. |
| **Applications** | SDS-PAGE; WB; ELISA; IP. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, |

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| | and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage buffer** | Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |

## GENE INFORMATION

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| **Gene Name** | Ppia peptidylprolyl isomerase A (cyclophilin A) [ Rattus norvegicus (Norway rat) ] |
| **Official Symbol** | Ppia |
| **Synonyms** | Ppia; peptidylprolyl isomerase A (cyclophilin A); CYCA; CyP-A; peptidyl-prolyl cis-trans isomerase A; PPIase A; cyclophilin A; cyclosporin A-binding protein; p1B15; p31; rotamase A |
| **Gene ID** | 25518 |
| **mRNA Refseq** | NM_017101.1 |
| **Protein Refseq** | NP_058797.1 |
| **UniProt ID** | P10111 |

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