

## Recombinant Rat Ppia protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Ppia aa. (Val2~Leu164 (Accession # P10111)) fused with N-terminal His tag was produced in E. coli cells.                                                  |
| <b>Species</b>          | Rat                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | Val2~Leu164                                                                                                                                                               |
| <b>Description</b>      | May play a role in protein folding or intracellular protein transport.                                                                                                    |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                       |
| <b>Molecular Mass</b>   | 19 kDa as determined by SDS-PAGE reducing conditions.                                                                                                                     |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                              |
| <b>Purity</b>           | >95%                                                                                                                                                                      |
| <b>Characteristic</b>   | The isoelectric point is 8.4.                                                                                                                                             |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                  |
| <b>Stability</b>        | 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

**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; PPlase 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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