

## Recombinant Human Cyclophilin A Protein

| Catalog #                 | Source   | Reactivity | Applications        |
|---------------------------|--|------------|---------------------|
| CRP2682                   | E. coli  | Human      | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | Recombinant Human Cyclophilin A Protein is produced by E.coli expression system and the target gene encoding Met1-Glu165 is expressed.   |            |                     |
| <b>Form</b>               | Liquid in a 0.2 µm filtered solution of PBS, 10%glycerol, pH7.4.   |            |                     |
| <b>Gene Symbol</b>        | PPIA   |            |                     |
| <b>Alternative Names</b>  | CYPA; Peptidyl-prolyl cis-trans isomerase A; PPIase A; Cyclophilin A; Cyclosporin A-binding protein; Rotamase A  |            |                     |
| <b>Entrez Gene</b>        | 5478 (Human)   |            |                     |
| <b>SwissProt</b>          | P62937 (Human)   |            |                     |
| <b>Purity</b>             | Greater than 95% as determined by reducing SDS-PAGE.   |            |                     |
| <b>Chemical Structure</b> | MVNPTVFFDI AVDGEPLGRV SFELFADKVP KTAENFRALS TGEKGFYK SCFHRIIPGF<br>MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE<br>WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD CGQLE |            |                     |
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.   |            |                     |
| <b>Directions for Use</b> | Please minimize freeze-thaw cycles.  |            |                     |
| <b>Storage/Stability</b>  | Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.   |            |                     |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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