

## Recombinant Mouse Cyclophilin A Protein

Catalog #	Source	Reactivity	Applications
CRP2951	E. coli	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse Cyclophilin A Protein is produced by E.coli expression system and the target gene encoding Met1-Leu164 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>	268373 (Mouse)		
<b>SwissProt</b>	P17742 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MVNPTVFFDI TADDEPLGRV SFELFADKVP KTAENFRALS TGEKGFYKGG SSFHRIIPGF MCQGGDFTRH NGTGGRSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKITISD CGQL		
<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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