

## 32-8866: Recombinant Mouse Peptidyl-prolyl Cis-trans Isomerase A/Cyclophilin A/CYPA(Discontinued)

**Gene :** Ppia  
**Gene ID :** 268373  
**Uniprot ID :** P17742

### Description

Source: E.coli.

MW :18kD.

Recombinant Mouse Peptidyl-prolyl Cis-trans Isomerase A is produced by our E.coli expression system and the target gene encoding Met1-Leu164 is expressed. Peptidyl-prolyl cis-trans isomerase A is a cytoplasm protein which belongs to the cyclophilin-type PPlase family and PPlase A subfamily. Cyclophilins(CyPs) are a family of proteins found in organisms ranging from prokaryotes to humans. These molecules exhibit peptidyl-prolyl isomerase activity, suggesting that they influence the conformation of proteins in cells. Cyclophilin A accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Cyclophilin A can interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS, 10%glycerol, pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MVNPTVFFDITADDEPLGRVSFELFADKVPKTAENFRALSTGEKGFYKGSFHRIPGFMCQGGDFTRHNGTG  
GRSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTEWLDGKHVVFGKVKEGMNIVEAMERFGSR  
NGKTSKKITISDCGQL

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.