

## Cyclophilin A E.Coli Recombinant

<b>Item Number</b>	rAP-0947
<b>Synonyms</b>	Peptidyl-prolyl cis-trans isomerase A, PPIase A, Cyclophilin A, Cyclosporin A-binding protein, Rotamase A, Peptidyl-prolyl cis-trans isomerase A, N-terminally processed, Ppia, CypA, rot, rotA.
<b>Description</b>	Cyclophilin A E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (25-190a.a.) and having a molecular mass of 20.5kDa. Cyclophilin A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P0AFL3
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSAGDPHV LLTTSAGNIE LELDKQKAPV SVQNFVDYVN SGFYNNNTTFH RVIPGFMIQG GGFTEQMQQK KPNPPIKNEA DNGLRNTRGT IAMARTADKD SATSQFFINV ADNAFLDHGQ RDFGYAVFGK VVKGMVDVADK ISQVPTHDVG PYQNVPSKPV VILSAK- VLP.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	Cyclophilin A protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**