

Cyclophilin A E.Coli Recombinant

Item Number	rAP-0947
Synonyms	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.
Description	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.
Uniprot Accesion Number	P0AFL3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSAKGDPHV LLTSAGNIE LEVDKQKAPV SVQNFVDYVN SGFYNNNTTFH RVIPGFMIQG GGFTEQMQQQK KPNPPIKNEA DNGLRNTRGT IAMARTADKD SATSQFFINV ADNAFLDHGQ RDFGYAVFGK VVKGMDVADK ISQVPTHDVG PYQNVPSKPV VILSAK- VLP.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	Cyclophilin A protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**