

Cyclophilin A Mouse Recombinant

Item Number	rAP-0946
Synonyms	Peptidyl-prolyl cis-trans isomerase A, PPlase A, Cyclophilin A, Cyclosporin A-binding protein, Rotamase A, SP18, Peptidyl-prolyl cis-trans isomerase A, N-terminally processed, Ppia, 2700098C05 Cphn, CyP-18, CypA.
Description	Cyclophilin A Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (1-164a.a.) and having a molecular mass of 20.4kDa. Cyclophilin A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P17742
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVNPTVF FDITADDEPL GRVSFELFAD KVPKTAENFR ALSTGEKGFG YKGSSFHRII PGFMCQGGDF TRHNGTGGRS IYGEKFEDEN FILKHTGPGI LSMANAG- PNT NGSQFFICTA KTEWLDGKHV VFGKVKEGMN IVEAMERFGS RNGKTSKKIT ISDCGQL.
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 (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. 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**