

Cyclophilin-F Rat Recombinant Bioactive

Item Number	rAP-0929
Synonyms	Peptidyl-prolyl cis-trans isomerase F, mitochondrial, PPIase F, Cyclophilin D, CyP-D, CypD, Cyclophilin F, Rotamase F.
Description	Cyclophilin F Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 200 amino acids (30-206 a.a) and having a molecular mass of 21.2Da.
Uniprot Accesion Number	P29117
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSCSDGGAR GANSSSQNPL VYLDVGADGQ PLGRVVLELK ADVVPKTAEN FRALCTGEKG FGYKGSTFHR VIPAFMCQAG DFTNHNGTGG KSIYGSRFPD ENFTLKHVGP GVLS-MANAGP NTNGSQFFIC TIKTDWLDGK HVVFGHVKEG MDVVKKIESF
Source	Escherichia 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 F protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4), 10% glycerol and 1mM DTT. Greater
Application	
Solubility	
Biological Activity	Specific activity is > 1,300 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmol of suc-AAFP-PNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
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**