

Cyclophilin-60 Human Recombinant

Item Number	rAP-0942
Synonyms	CYC4, Cyp-60, CYP60, hCyP-60, Peptidyl-prolyl cis-trans isomerase-like 2, PPIase, Rotamase PPIL2, Cyclophilin-60, Cyclophilin-like protein Cyp-60, PPIL2, MGC787, FLJ39930, MGC33174.
Description	PPIL2 Human Recombinant fused to 20 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 547 amino acids (1-527 a.a.) and having a molecular mass of 61.6 kDa.
Uniprot Accession Number	Q13356
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGKRQHQKDK MYITCAEYTH FYGGKKPDLP QTNFRRLPFD HCSLSLQPFV YPVCTPDGIV FDLLNIVPWL KKYGTNPSNG EKLDGRSLIK LNFSKNSEK YHCPVLFTVF TNNTIHAVR TTGNVYAYEA VEQLNIKAKN FRDLLTDEPF SRQDIITLQD PTNLDFKNVS NFYHVKNNMK IIDPDEEKAK QDPSYYLKNT NAETRETLQE YKEFKGDEI LAATMKAPEK KKVDKLNAAH YSTGKVSASF TSTAMVPETT EAAAIDEDV LRYQFVKKKG YVRLHTNKGDLNLELHCDLT PKTCENFIRL CKKHYDGTI
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	The PPIL2 solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity is > 290 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 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 ender users! This product is sold for **Research Use Only**