

## Peptidylprolyl Isomerase (Cyclophilin)-Like 1 Human Recombinant

<b>Item Number</b>	rAP-0940
<b>Synonyms</b>	Peptidyl-Prolyl Cis-Trans Isomerase-Like 1, PPIL-1, CYPL1, hCyPX, MGC678, PPIase, CGI-124, PPIL1.
<b>Description</b>	PPIL1 Human Recombinant protein produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 174 amino acids (1-166) and having a molecular mass of 19.3 kDa. PPIL1 is fused to 8 amino acid His Tag at C-terminus and is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9Y3C6
<b>Amino Acid Sequence</b>	MAAIPPDWSQ PPNVYLETSM GIIVLELYWK HAPKTCKNFA ELARRGYYNG TKFHRIIKDF MIQGG-DPTGT GRGGASIYGK QFEDELHPDL KFTGAGILAM ANAGPDTNGS QFFVTLAPLQ WLDGKHTIFG RVCQGIGMVN RVGMVETNSQ DRPVDDVKII KAYPSGLEHH HHHH.
<b>Source</b>	Escherichia 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>	PPIL1 solution containing 20 mM Tris-HCl buffer (pH 8.0) and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Specific activity is > 300 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.
<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 end users! This product is sold for **Research Use Only**