

## Cyclophilin-E Human Recombinant

<b>Item Number</b>	rAP-0938
<b>Synonyms</b>	Peptidyl-prolyl cis-trans isomerase E, PPIase E, Rotamase E, Cyclophilin-33, PPIE, peptidylprolyl isomerase E, CYP33, Cyclophilin E, CYP-33, MGC3736, MGC111222.
<b>Description</b>	Cyclophilin-E Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 337 amino acids (1-301 a.a.) and having a molecular mass of 37.5 kDa. Cyclophilin-E is fused to a 36 amino acids long His Tag at N-terminus and is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9UNP9
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYYDDDD KDRWGSMAKK KRVLYVGGLA EEVDDKVLHA AFIPFGDITD IQIPLDYETE KHRGFAFVEF ELAEDAAAII DNMNESEFG RTIRVNLAKP MRIKEGSSRP VWSDDDWLKK FSGKTLLEENK EEEGSEPPKA ETQEGERPIAK KARSNPQVYM DIKIGNKPG RIQMLLRSDV VPMTAENFRC LCTHEKGFGF KGSSFHRIIP QFMCQGGDFT NHNGTGGKSI YGKKFD DENF ILKHTGPGLL SMANSGPNTN GSQFFLTCDK TDWLDGKHVV FGEVTEGLDV LRQIEAQGSK
<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>	Cyclophilin-E solution containing 20mM Tris pH-8. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Specific activity is > 210 nmoles/min/ug, and is defined as the amount of enzyme that cleave 1umole of suc-AAFP-pNA per minute at 1C 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**