

# Human Cyclophilin E Recombinant Protein



RPPB1541

## Product Information Protein Information

### Product SKU:

RPPB1541

### Accession:

Q9UNP9

### Host:

Escherichia Coli.

### Protein description:

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.

### Appearance:

Sterile filtered colorless solution.

### Synonyms:

Peptidyl-prolyl cis-trans isomerase E, PPIase E, Rotamase E, Cyclophilin-33, PPIE, peptidylprolyl isomerase E, CYP33, Cyclophilin E, CYP-33, MGC3736, MGC111222.

### Formulation:

Cyclophilin-E solution containing 20mM Tris pH-8.

### Purity:

Greater than 95.0% as determined by SDS-PAGE.

### Stability:

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.

### Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATT KRVLYVGGLA EEVDDKVLHA  
AFIPFGDITD IQIPLDYETE KHRGFATVEF ELAEDAAAAI DNMNESELF RTIRVNLAKP MRIKEGSSRP  
VWSDDDLWKK FSGKTLEENK EEGSEPPKA ETQEGEPIAK KARSNPQVYM DIKIGNKPAG RIQMLLRSDV  
VPMTAENFRC LCTHEKGFGF KGSSFHRIIP QFMCQGGDFT NHNGTGGKSI YGKKFDDENF ILKHTGPGLL  
SMANSGPNTN GSQFFLTCDK TDWLDGKHVV FGEVTEGLDV LRQIEAQGSK DGKPKQKVII ADCGEYV.

### Biological Activity:

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.