

**PPIE, 1-301aa, Human,His-Tagged, Recombinant, E.coli**

**Cat.NO.: TP03488**

3th Edition

**Synonyms:**Peptidylprolyl isomerase E isoform 1, CYP-33, Cyclophilin E, PPIase E, Rotamase E.

**Description:**Cyclophilins possess the activity of peptidyl-prolyl cis-trans isomerase (PPIase) and are involved in cellular protein folding and protein interactions. PPIE contains two RNA binding domains at the N-terminal region and a PPIase domain at the C-terminal region. It was not known what cellular and physiological roles of PPIE. Recombinant human PPIE was expressed in E.coli and purified by conventional chromatography techniques.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 8.0)

**Molecular Weight:**37.5 kDa (337 aa), confirmed by MALDI-TOF

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMATTKRVLYVGGLAEEVDDKVLHAAFIPFGDITDIQIP  
LDYETEKHRGFVFEFELAEDAAAIDNMNESELFGRITIRVNLAKPMRIKEGSSRPVWSDDDWLKKFSGKLEENK  
EEEGSEPPKAETQEGEPIAKKARSNPQVYMDIKIGNKPAGRIQMLLRSDVVPMTAENFRCLCTHEKGFSGKSSFH  
RIIPQFMCQGGDFTNHNGTGGKSIYGKKFDDENFILKHTGPGLLSMANS GPNTNGSQFFLTCDKTDWLDGKHVVF  
GEVTEGLDVLQRQIEAQGSKDGKPKQKVIIADCGEYV

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.