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**Recombinant Human Cyclophilin E/PPlase E/PPIE Protein(N-6His)****Cat.NO.: TP05824**

3th Edition

**Synonyms:**Peptidyl-Prolyl Cis-Trans Isomerase E; PPlase E; Cyclophilin E; Cyclophilin-33; Rotamase E; PPIE; CYP33

**Description:**Peptidyl-prolyl cis-trans isomerase E, also known as Cyclophilin E, Cyclophilin-33, Rotamase E, CYP33, PPIE, is an enzyme which belongs to the cyclophilin-type PPlase family of PPlase E subfamily. PPIE found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. PPIE contains one PPlase cyclophilin-type domain and one RRM (RNA recognition motif) domain. PPIE accelerates the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIE combines RNA-binding and PPlase activities. It may be involved in muscle- and brain-specific processes and pre-mRNA splicing

**Form:**PBS

**Molecular Weight:**35.6 kDa

**Sequences:**Met 1-Val301

**Purity:**> 95% by HPLC

**Concentration:**

**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.