

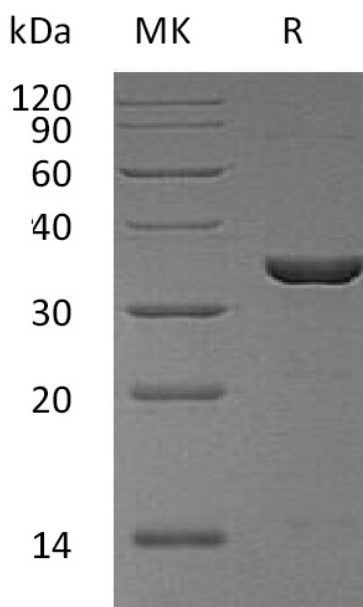
**Product Name: Recombinant Human PPIE (N-6His)**  
**Catalog #: PEH0487**



## Summary

|                                 |  |
|---------------------------------|--|
| <b>Name</b>                     | Cyclophilin E/PPIase E/CYP33   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE  |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.  |
| <b>Construction</b>             | Recombinant Human Peptidyl-Prolyl Cis-trans Isomerase E is produced by our E.coli expression system and the target gene encoding Met1-Val301 is expressed with a 6His tag at the N-terminus. |
| <b>Accession #</b>              | Q9UNP9   |
| <b>Host</b>                     | E.coli   |
| <b>Species</b>                  | Human  |
| <b>Predicted Molecular Mass</b> | 35.6 KDa   |
| <b>Formulation</b>              | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.   |
| <b>Shipping</b>                 | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.   |
| <b>Stability&amp;Storage</b>    | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                         |
| <b>Reconstitution</b>           |  |

## SDS-PAGE image



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### **Alternative Names**

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

### **Background**

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.

### **Note**

For Research Use Only , Not for Diagnostic Use.