

## Recombinant Human Cyclophilin E/PPIE Protein (His Tag)

**Catalog Number:** PKSH032317

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

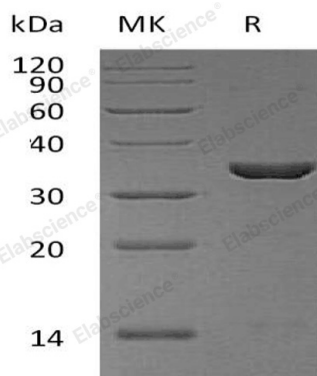
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human Cyclophilin E;PPIE protein Met 1-Val301, with an N-terminal His
<b>Calculated MW</b>	35.6 kDa
<b>Observed MW</b>	34 kDa
<b>Accession</b>	Q9UNP9
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, pH 8.0.

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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 PPIase family of PPIase E subfamily. PPIE found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. PPIE contains one PPIase 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 PPIase activities. It may be involved in muscle- and brain-specific processes and pre-mRNA splicing.