

## Recombinant Human PPIase/PPIL1 Protein (His Tag)

**Catalog Number:** PKSH033304

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

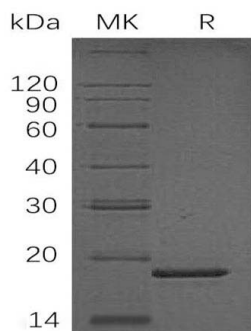
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human PPIase/PPIL1 protein Met 1-Gly 166, with an N-terminal His
<b>Calculated MW</b>	20.4 kDa
<b>Observed MW</b>	19 kDa
<b>Accession</b>	Q9Y3C6
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 90 % 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



> 90 % as determined by reducing SDS-PAGE.

### Background

Peptidyl-Prolyl Cis-Trans Isomerase-Like 1 (PPIase) belongs to the cyclophilin-type PPIase family. PPIases can accelerate the folding of proteins and catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIase is a ubiquitous protein and has highly expression in heart ;skeletal and muscle. PPIase contains a PPIase cyclophilin-type domain and four Cyclosporin A binding regions. PPIase might play an important role in proliferation of cancer cells through modulation of phosphorylation of stathmin. It is suggested that PPIase can act as as a novel molecular target for colon-cancer therapy.