



Recombinant Protein Technical Manual

Recombinant Human PPIase/PPIL1 Protein (aa 166, His Tag)

RPE1550

Product Data:

Product SKU: RPE1550

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9Y3C6

Protein Information:

Molecular Mass: 20.4 kDa

AP Molecular Mass: 19 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: 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.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Peptidyl-Prolyl Cis-Trans Isomerase-Like 1; PPIase; Rotamase PPIL1; PPIL1; CYPL1

Immunogen Information:

Sequence: Met 1-Gly166

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.