

**Recombinant Human Parvulin-14/PIN4 Protein(N-6His)**

**Cat.NO.: TP05057**

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3th Edition

**Synonyms:**Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4; Parvulin-14; Parvulin-17; Peptidyl-prolyl cis-trans isomerase Pin4; Peptidyl-prolyl cis/trans isomerase EPVH; Rotamase Pin4; PIN4;

**Description:**Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4(PIN4) is a peptidyl-prolyl cis/trans isomerase (PPIase) which interacts with NIMA and is vital for cell cycle regulation. PIN4 has 2 different isoforms: PAR14 and PAR17. Furthermore, PIN4 protein binds to double-stranded DNA under physiological salt conditions. PIN4 is involved as a ribosomal RNA processing factor in ribosome biogenesis. The PAR14 binds to tightly bent AT-rich stretches of double-stranded DNA, but PAR17 binds to double-stranded DNA.

**Form:**PBS

**Molecular Weight:**18.8 kDa

**Sequences:**Met 1-Lys156

**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.