

## 32-8240: Recombinant Human Parvulin-14/PIN4 (N-6His)

**Gene :** PIN4  
**Gene ID :** 5303  
**Uniprot ID :** Q9Y237

### Description

Source: E. coli.  
MW :18.8kD.

Recombinant Human Parvulin-14 is produced by our E.coli expression system and the target gene encoding Met1-Lys156 is expressed with a 6His tag at the N-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMPMAGLLKGLVRQLEQFRVQQASKMPPKGGKSGSGKAGKGGGAASGSDSAD  
KKAQGPKGGGNAVKVRHILCEKHGKIMEAMEKLSGMRFNVAQAQYSEDKARQGGDLGWMTRGSMVGPFPQ  
EAAFALPVSGMDKPVFTDPPVKTKFGYHIIMVEGRK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.