

# Recombinant Human Parvulin-14/PIN4 Protein (His Tag)



Catalog Number:PKSH032859

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

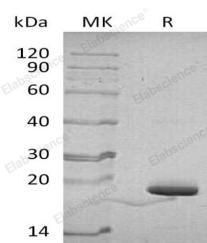
## Description

<b>Synonyms</b>	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;
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Lys156
<b>Accession</b>	Q9Y237-2
<b>Calculated Molecular Weight</b>	18.8 kDa
<b>Observed molecular weight</b>	21 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<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 PBS, pH7.5.
<b>Reconstitution</b>	Not Applicable

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

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.

## For Research Use Only

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