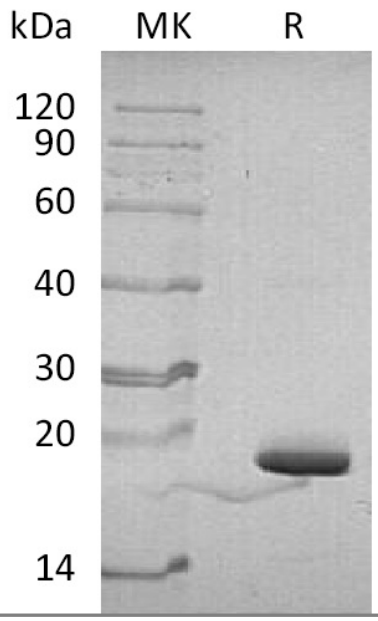
Product Name: Recombinant Human PIN4 (N-6His)
Catalog #: PEH1268

Summary

Name	Parvulin-14/PIN4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9Y237-2
Host	E.coli
Species	Human
Predicted Molecular Mass	18.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

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;

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.

Note

For Research Use Only , Not for Diagnostic Use.