

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

Catalog Number:PKSH032859



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

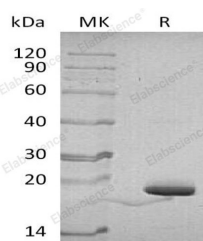
Description

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

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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 PBS, pH7.5.
Reconstitution	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.

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