

Active Recombinant Human PIN1 protein

Cat. No. PIN1-3826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIN1 protein(Met1-Glu163) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-163 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CTNNB1 Protein at 2 µg/mL (100 µL/well) can bind PIN1 with a linear range of 7.8-164.3 ng/mL.
Molecular Mass	18.24 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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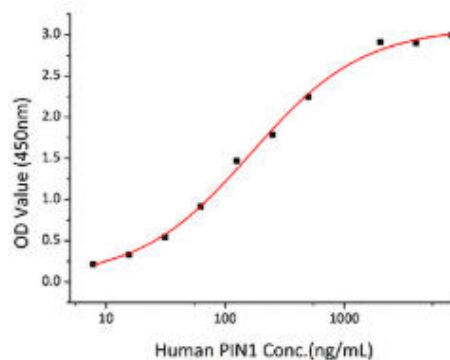
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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

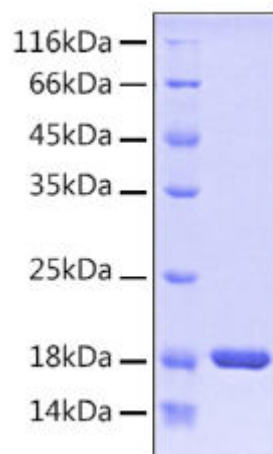
GENE INFORMATION

Gene Name	PIN1 peptidylprolyl cis/trans isomerase, NIMA-interacting 1 [Homo sapiens]
Official Symbol	PIN1
Synonyms	PIN1; peptidylprolyl cis/trans isomerase, NIMA-interacting 1; protein (peptidyl prolyl cis/trans isomerase) NIMA interacting 1; peptidyl-prolyl cis-trans isomerase NIMA-interacting 1; dod; PPlase Pin1; rotamase Pin1; protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1; DOD; UBL5; FLJ40239; FLJ77628; MGC10717;
Gene ID	5300
mRNA Refseq	NM_006221
Protein Refseq	NP_006212
MIM	601052
UniProt ID	Q13526

Activity



SDS-PAGE



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