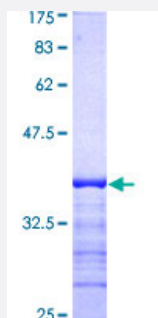


PIN1 (Human) Recombinant Protein (Q01)

Catalog # H00005300-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIN1 partial ORF (AAH02899, 64 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HSQSRPSSWRQEKITRTKEEALELINGYQKIKSGEEDFESLASQFSDCSSAKARGDLGAFSRG QMCKPFEDASFALRTGEMSGPVFTDSGIHILRTE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (98); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PIN1

Entrez GeneID [5300](#)

GeneBank Accession# [BC002899](#)

Protein Accession# [AAH02899](#)

Gene Name PIN1

Gene Alias DOD, UBL5

Gene Description peptidylprolyl cis/trans isomerase, NIMA-interacting 1

Omim ID [601052](#)

Gene Ontology [Hyperlink](#)

Gene Summary The human PIN1 gene encodes an essential nuclear peptidylprolyl cis-trans isomerase (PPlase; EC 5.2.1.8) involved in regulation of mitosis. PIN1 belongs to a class of PPlases that includes the E. coli parvulin, yeast Ess1, and Drosophila dodo (dod) gene products (Lu et al., 1996 [PubMed 8 606777]).[supplied by OMIM]

Other Designations peptidyl-prolyl cis/trans isomerase, NIMA-interacting|prolyl isomerase|protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1|protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1

Disease

- [Alzheimer disease](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)

- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
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- [Werner syndrome](#)