

## Active Recombinant Full Length Human PKN1 Protein, DDK-tagged, Biotinylated

Cat. No. PKN1-2842HF    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human PKN1 [1-942(end) amino acids of accession number NP_002732.3] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (109 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-942(end)                                                                                                                                                                                                                                                        |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                          |
| <b>Bio-activity</b>     | The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.                    |
| <b>Purity</b>           | 97%                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                      |

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**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** protein kinase N1

**Official Symbol** PKN1

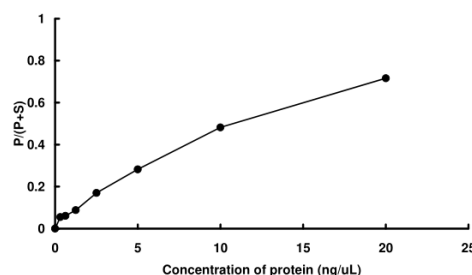
**Synonyms** PKN1;DBK;PAK-1;PAK1;PKN;PKN-ALPHA;PRK1;PRKCL1;MGC46204

**Protein Refseq** [NP\\_002732.3](#)

**UniProt ID** [Q16512](#)

### Activity data

**Activity data**



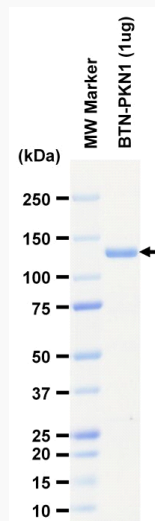
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## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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