

Bioactive

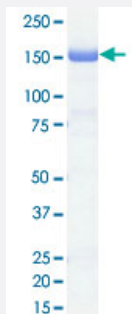
Full-Length

PKN2 (Human) Recombinant Protein

Catalog # P5624

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PKN2 (NP_006247.1, 1 a.a. - 984 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	139
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	91 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: GS peptide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PKN2

Entrez GeneID	5586
Protein Accession#	NP_006247.1
Gene Name	PKN2
Gene Alias	MGC150606, MGC71074, PAK2, PRK2, PRKCL2, PRO2042, Pak-2
Gene Description	protein kinase N2
Omim ID	602549
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000011760 cardiolipin-activated protein kinase Pak2 protein kinase C-like 2

Disease

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