

## Recombinant Human PKN1, His-tagged

Cat. No. PKN1-1744H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PKN1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	605-942aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PKN1 protein kinase N1 [ Homo sapiens ]
<b>Official Symbol</b>	PKN1
<b>Synonyms</b>	PKN1; protein kinase N1; PRKCL1, protein kinase C like 1; serine/threonine-protein kinase N1; DBK; MGC46204; PAK1; PKN; PRK1; protein kinase C-like 1; protein kinase PKN-alpha; protein kinase C-like PKN; serine-threonine kinase N; protease-activated kinase 1; protein kinase C-related kinase 1; protein-kinase C-related kinase

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	1; serine-threonine protein kinase N; serine/threonine protein kinase N; PAK-1; PRKCL1; PKN-ALPHA;
<b>Gene ID</b>	<a href="#">5585</a>
<b>mRNA Refseq</b>	<a href="#">NM_002741</a>
<b>Protein Refseq</b>	<a href="#">NP_002732</a>
<b>MIM</b>	<a href="#">601032</a>
<b>UniProt ID</b>	<a href="#">Q16512</a>
<b>Chromosome Location</b>	19p13.12
<b>Pathway</b>	G13 Signaling Pathway, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem; RhoA signaling pathway, organism-specific biosystem; Salmonella infection, organism-specific biosystem; Salmonella infection, conserved biosystem; Signaling mediated by p38-gamma and p38-delta, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
<b>Function</b>	ATP binding; GTP-Rho binding; Rac GTPase binding; androgen receptor binding; chromatin binding; histone binding; histone deacetylase binding; histone kinase activity (H3-T11 specific); ligand-dependent nuclear receptor transcription coactivator activity;

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