

Recombinant Human PKN1 protein, Flag-tagged, Biotinylated

Cat. No. PKN1-72H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKN1 [1-942(end) amino acids of accession number NP_002732.3] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-942 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	108 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	PKN1 protein kinase N1 [Homo sapiens]
Official Symbol	PKN1

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Synonyms	PKN1; DBK; MGC46204; PAK1; PKN; PRK1; protein kinase C-like 1; protein kinase PKN-alpha; serine-threonine kinase N; PAK-1; PRKCL1; PKN-ALPHA;
Gene ID	5585
mRNA Refseq	NM_002741
Protein Refseq	NP_002732
MIM	601032
UniProt ID	Q16512
Chromosome Location	19p13.12
Pathway	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;
Function	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; ligand-dependent nuclear receptor transcription coactivator activity; nucleotide binding; protein binding; protein kinase C activity; protein kinase C binding; protein kinase activity; protein serine/threonine kinase activity;