Recombinant Human PKN2

Cat. No. PKN2-31021TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PKN2 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 insect cell expression system; MWt 145 kDa.
Species	Human
Description	Serine/threonine-protein kinase N2 is an enzyme that in humans is encoded by the PKN2 gene.
Biological activity	The specific activity of PKN2-31021TH was determined to be 74 nmol/min/mg
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily.Contains 1 AGC-kinase C-terminal domain.Contains 1 C2 domain.Contains 1 protein kinase domain.Contains 3 REM (Hr1) repeats.
Full Length	Full L.

GENE INFORMATION

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Gene Name	PKN2 protein kinase N2 [Homo sapiens]
Official Symbol	PKN2
Synonyms	PKN2; protein kinase N2; PRKCL2, protein kinase C like 2; serine/threonine-protein kinase N2; cardiolipin activated protein kinase Pak2; Pak 2; PRK2;
Gene ID	5586
mRNA Refseq	NM_006256
Protein Refseq	NP_006247
MIM	602549
Uniprot ID	Q16513
Chromosome Location	1p22
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; RhoA signaling pathway, organism-specific biosystem; Salmonella infection, organism-specific biosystem; Salmonella infection, conserved biosystem;
Function	ATP binding; histone deacetylase binding; nucleotide binding; protein kinase C activity; protein kinase activity;

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