

Recombinant Human PKN1/PRK1 (N-GST tag)

Cat No:HR2R1885

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKN1/PRK1
Gene ID	N/A
Accession	BC040061
Alternative Name	PRK1, DBK, PKN1, PKN, MGC46204, PAK1, PRKCL1, PKC-L1
Species	Human
Source	Insect cells
Description	PKN1/PRK1 belongs to the protein kinase C superfamily which is activated by Rho family of small G proteins. PKN1/PRK1 is known to mediate the Rho-dependent signaling pathway and it can be activated by phospholipids and by limited proteolysis . PDPK1/PDK may also mediate insulin signals to the actin cytoskeleton and the proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggest its role in signal transduction related to apoptosis. PKN1/PRK signaling stimulates AR activity in the presence of adrenal androgens and in the presence of an AR antagonist .
Functions	The specific activity of PKN1/PRK1 was determined to be 30 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	115
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.