

Recombinant Human PKD2 (N-GST tag)

Cat No:HR2R1884

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKD2
Gene ID	N/A
Accession	NM_016457
Alternative Name	HSPC187; DKFZp586E0820; PRKD2
Species	Human
Source	Insect cells
Description	PKD2 is a novel phorbol ester- and growth factor-stimulated serine/threonine kinase that contains two cysteine-rich motifs at the N terminus, a pleckstrin homology domain, and a catalytic domain . It exhibits the strongest homology to the serine/threonine protein kinases PKD/PKC? and PKC?. The PKD family of enzymes have been implicated in very diverse cellular functions, including Golgi organization and plasma membrane directed transport, metastasis, immune responses, apoptosis and cell proliferation .?
Functions	The specific activity of PKD2 was determined to be 259 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	130
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.