

PKC nu Recombinant Protein | PKCnu recombinant protein

PKC nu, Active

CATALOG # AAA73873	HOST Sf9 insect cells	APPLICATIONS Western Blot
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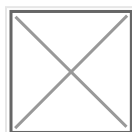
PRODUCT SYNONYMS

PKC nu; Active; EPK2; PRKCN; PKD3; nPKC-NU; PKCnu recombinant protein

PRODUCT SPECIFICATIONS

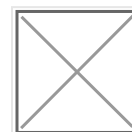
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PKCnu recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for PKCnu recombinant protein	Recombinant full-length human PKCnu was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005813. PKCnu, also known as PKD3, is a members of the protein kinase C (PKC) family of serine/threonine kinases that play critical roles in the regulation of cellular differentiation and proliferation in many cell types. PKCnu is composed of 890 amino acid residues and the protein has 77.3% similarity to human PKCmu (PKCnu) and 77. 4% similarity to mouse PKD (1). The PKCnu mRNA is ubiquitously expressed in various tissues and the gene is located between markers WI-9798 and D2S177 on chromosome 2p21 region.
Product Categories/Family for PKCnu recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cardiovascular Disease ; ERK/MAPK Pathway ; Neurobiology ; NfκB Pathway ; PKA/PKC Pathway ; Ser/Thr Kinases
References	1. Hayashi,A. et al: PKCnu, a new member of the protein kinase C family, composes a fourth subfamily with PKCmu. Biochim Biophys Acta. 1999 May 6;1450(1):99-106.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005813
Molecular Weight	~142kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pkc-nu-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73873>