PKC delta Recombinant Protein | PKCdelta recombinant protein

PKC delta, Active

CATALOG #	HOST	APPLICATIONS
AAA73861	**Sf9 insect cells**	**Western Blot**

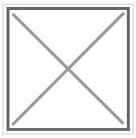
PRODUCT SYNONYMS

PKC delta; Active; PRKCD; MAY1; MGC49908; nPKC-delta; PKCdelta recombinant protein

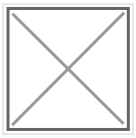
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PKCdelta 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 PKCdelta recombinant protein	Recombinant full-length human PKCd was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_006254. Protein kinase C delta (PKCdelta) is a member of the protein kinase C (PKC) family of serine-threonine kinases. It is a 79 kd protein kinase that shows strict dependence on the presence of phospholipids, but shows no activation by Ca2+ (1). Phosphatidylinositol is the most potent activator of PKC delta. Northern blot analysis indicated that PKCdelta is widely distributed in almost all the tissues and is a major isoform of PKC expressed in hemopoietic cells (2). PKCdelta is involved in fundamental cellular functions regulated by diacylglycerols and mimicked by phorbol esters.
Product Categories/Family for PKCdelta recombinant protein	Protein Kinases; Apoptosis/Autophagy; Cardiovascular Disease; ERK/MAPK Pathway; Neurobiology; NfkB Pathway; PKA/PKC Pathway; Ser/Thr Kinases

References	1. Leibersperger, H. et al: Immunological demonstration of a calcium-unresponsive protein kinase C of the delta-type in different species and murine tissues. Predominance in epidermis. J Biol Chem. 1991 Aug 5;266(22):14778-84. 2. Mischak, H. et al: Mouse protein kinase C-delta, the major isoform expressed in mouse hemopoietic cells: sequence of the cDNA, expression patterns, and characterization of the protein. Biochemistry. 1991 Aug 13;30(32):7925-31.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006254
Molecular Weight	~104kDa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/pkc-delta-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73861