

PKC gamma Recombinant Protein | PKCgamma recombinant protein

PKC gamma, Active

CATALOG # AAA73864	HOST Sf9 insect cells	APPLICATIONS Western Blot
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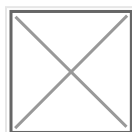
PRODUCT SYNONYMS

PKC gamma; Active; PKCC; PKCG; SCA14; MGC57564; PKC-gamma; PRKCG; PKCgamma recombinant protein

PRODUCT SPECIFICATIONS

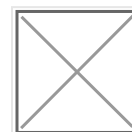
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PKCgamma recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be 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 PKCgamma recombinant protein	<p>Recombinant full-length human PKC gamma was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002739.</p> <p>PKCgamma is a member of the protein kinase C (PKC) family of serine-and threonine-specific protein kinases that can phosphorylate a wide variety of protein targets known to be involved in diverse cellular signaling pathways. In the brain, PKCgamma is translocated to cell membranes during ischemia and is rapidly removed or degraded during the second otherwise lethal ischemic insult in preconditioned brains. This suggest that ischemic preconditioning enhances downregulation of cell signaling mediated by PKCgamma and may thereby provide neuroprotection (1).</p>
Product Categories/Family for PKCgamma recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cardiovascular Disease ; ERK/MAPK Pathway ; Neurobiology ; NfκB Pathway ; PKA/PKC Pathway ; Ser/Thr Kinases
References	<p>1. Shamloo, M. et al: Rapid decline in protein kinase Cgamma levels in the synaptosomal fraction of rat hippocampus after ischemic preconditioning. Neuroreport. 1999 Apr 6;10(5):931-5.</p>

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002739
Molecular Weight	~105kDa

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-gamma-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73864>