

## Recombinant Human PKAc gamma (N-GST tag)

Cat No:HR2R1871

For research use only

## Overview

Quantity	10 ?g
Gene Symbol	PKAc?
Gene ID	N/A
Accession	NM_002732
Alternative Name	KAPG; PKAr; cAPKr
Species	Human
Source	Insect cells
Description	PKA C-gamma (PKAc?) is a third isoform of the catalytic subunit of cAMP-dependent protein kinase. It was isolated from a human testis cDNA library and was clearly derived from a gene distinct from C-alpha and C-beta and showed tissue-specific expression. Whereas at the amino acid level C-alpha and C-beta showed 93% homology, C-gamma showed only about 80% homology to both C-alpha and C-beta. The PRKACG gene is intronless, contains remnants of a poly(A) tail, is flanked by direct repeats, and is co-linear with the PRKACA gene.
Functions	The specific activity of PKAc? was determined to be 145 nmol /min/mg as per activity assay protoco
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	65
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.