

**PKA cg, Active recombinant protein**  
**PKA, cAMP-dependent protein kinase catalytic subunit gamma**  
**Catalog # PBV11304r**

## Specification

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### PKA cg, Active recombinant protein - Product info

Primary Accession	<a href="#">P22612</a>
Concentration	0.1 µg/ µl
Calculated MW	65.0 kDa KDa

### PKA cg, Active recombinant protein - Additional Info

Gene ID	5568
Gene Symbol	PKA
<b>Other Names</b>	
PKA, cAMP-dependent protein kinase catalytic subunit gamma	

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
<b>Format</b>	
Liquid	

### Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

### PKA cg, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PKA cg, Active recombinant protein - Images

### PKA cg, Active recombinant protein - Background

PKA C-γ (PKAcg) 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-α and C-β and showed tissue-specific expression. Whereas at the amino acid level C-α and C-β showed 93% homology, C-γ showed only about 80% homology to both C-α and C-β (1). 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(2).