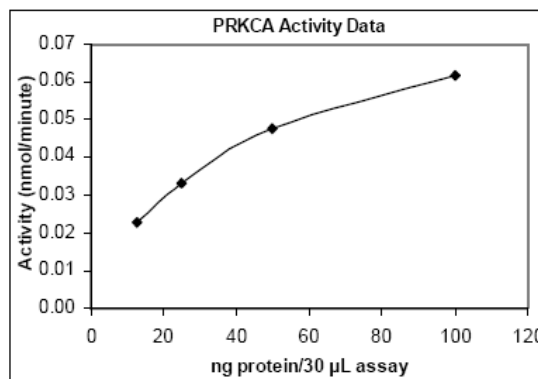


PRKCA

Recombinant Human PKC alpha

Catalog No.	CSI13458	Quantity:	5 µg
Alternate Names:	PKCA, PRKACA, PKC-alpha, PRKCA		
Description:	Recombinant Human PKC alpha (PRKCA) made in insect cells. Protein kinase C (PKC) is in a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. They phosphorylate a wide variety of protein targets and are involved in diverse cellular signaling pathways.		
Concentration:	0.37 mg/ml total protein as measured using the Bradford protein assay with BSA as a standard.		
Gene ID:	5578		
Source:	Insect cells		
Molecular Weight:	76.7 kDa		
Formulation:	Liquid in a buffer of 20 mM HEPES , pH 7.5, + 250 mM NaCl + 2 mM EDTA + 2 mM EGTA + 5 mM DTT + 0.05% Triton® X-100 + 50% Glycerol		
Purity:	≥95% as determined by Coomassie blue-stained SDS-PAGE		
Endotoxin Level:	<0.1 ng/µg of protein.		
Specific Activity:	1570 nmole/min of phosphate transferred to Histone H1 substrate per mg of total protein at 30°C. Activity determined at a final concentration of 0.5 to 2 µg/ml		
Storage & Stability:	Store at -80°C. At first use, aliquot and freeze at -80°C. Stable for 6 months from purchase. Avoid repeated freeze-thaw cycles.		

Example of a PKC alpha (PRKCA) Activity Graph.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com