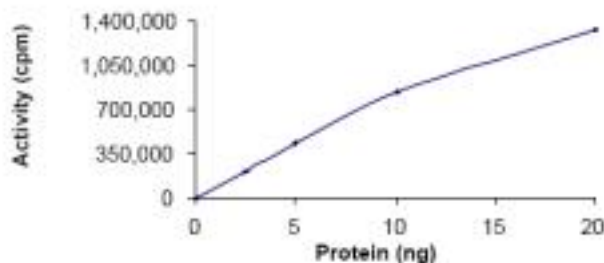


PRKCA

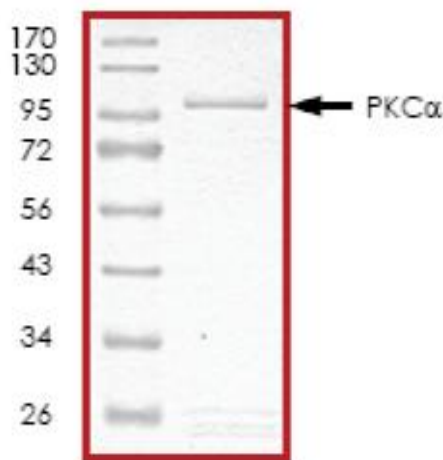
Recombinant Human PKC alpha GST Active

Catalog No.	CRK108A CRK108B	Quantity:	5 µg 10 µg
Alternate Names:	AAG6, PKCA, PRKACA, PKC-alpha, PRKCA		
Description:	<p>Recombinant full-length human PKC alpha was expressed by baculovirus in insect cells using an N-terminal GST tag.</p> <p>PKC alpha is a member of the protein kinase C (PKC) family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC alpha has been reported to play roles in cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. PKC alpha has been identified as a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes.</p>		
Gene ID:	5578		
Source:	Sf9 insect cells		
Molecular Weight:	103 kDa (see Western blot below)		
Formulation:	Liquid in 50 mM Tris-HCl, pH 7.5, + 150 mM NaCl + 0.25 mM DTT + 0.1 mM EGTA + 0.1 mM EDTA + 0.1 PMSF + 25% glycerol.		
Purity:	>90%		
Specific Activity:	3,333 nm/min/mg (see graph below)		
Applications:	Western Blot, Kinase Assay		
Storage & Stability:	Store product at -80°C. Stable for 1 year from delivery. For optimal storage, aliquot after centrifugation and store at -80°C. Avoid repeated freeze-thaw cycles.		

The Specific activity of PKC alpha



Purity was determined to be >90% by densitometry.



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

