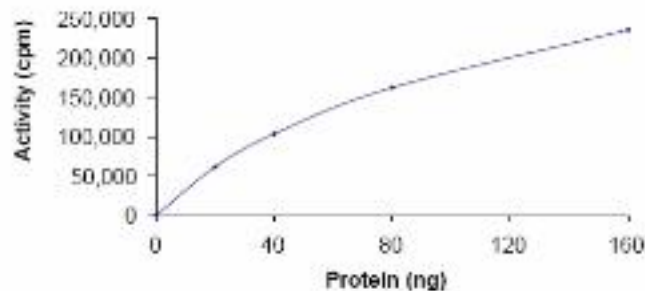
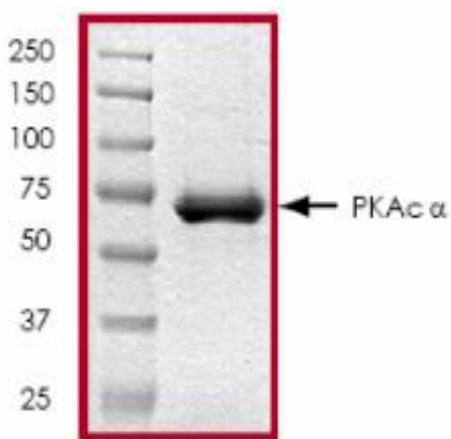


PRKACA

Recombinant Human PKA c alpha GST Active

Catalog No.	CRP023A CRP023B	Quantity:	5 µg 10 µg
Alternate Names:	PRKACA		
Description:	The catalytic subunit C-alpha of PKA (PKAα) is a member of the Ser/Thr protein kinase family and has been assigned to chromosome region 19p13.1. Null mutation in PKAα leads to early postnatal lethality in the majority of C-alpha knockout mice. Surprisingly, a small percentage of C-alpha knockout mice, although runted, survived to adulthood. In these animals, compensatory increases in C-beta levels occurred in brain whereas many tissues, including skeletal muscle, heart, and sperm, contained less than 10% of the normal PKA activity.		
Concentration:	0.1 mg/ml		
Protein Accession No:	NM_002730		
Source:	Sf9 insect cells		
Molecular Weight:	~ 69 kDa		
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 mM PMSF + 25% glycerol		
Purity:	The purity was determined to be >75% by densitometry.		
Specific Activity:	141 nmol/min/mg per activity assay protocol.		
Storage & Stability:	Store product at -80°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.		

The purity was determined to be >75% by densitometry. The specific activity of PKAα was determined to be 141 nmol/min/mg as per activity assay protocol.



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