

Product datasheet

Recombinant human cGKII protein ab94516

2 Images

Description

Product name	Recombinant human cGKII protein
Biological activity	Specific Activity: 268 nmol/min/mg.
Purity	> 90 % SDS-PAGE. Purity determined to be >90% by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab94516** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies Western blot
Form	Liquid
Additional notes	ab204879 (RPS6 peptide) can be utilized as a substrate for assessing kinase activity. Protein previously known as CGK2.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Tissue specificity

Highly concentrated in brain, lung and intestinal mucosa.

Sequence similarities

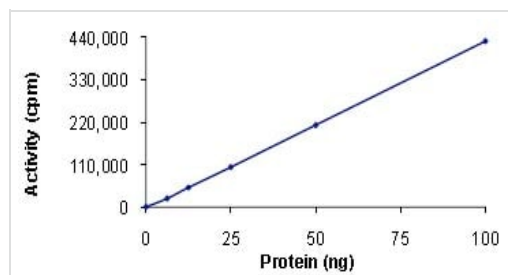
Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. cGMP subfamily.

Contains 1 AGC-kinase C-terminal domain.

Contains 2 cyclic nucleotide-binding domains.

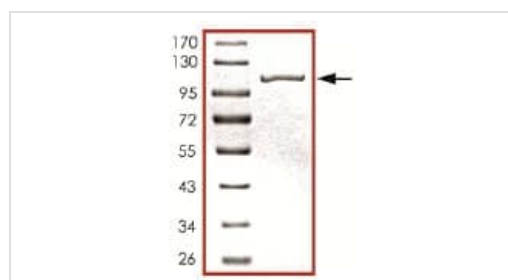
Contains 1 protein kinase domain.

Images



Kinase Assay demonstrating specific activity of ab94516.

Functional Studies - Recombinant human cGKII protein (ab94516)



SDS-PAGE analysis of ab94516.

SDS-PAGE - Recombinant human cGKII protein (ab94516)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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