

Recombinant human CDC42 binding protein kinase alpha ab59979

画像数 4

製品の詳細

製品名	Recombinant human CDC42 binding protein kinase alpha
生理活性	Specific activity: 101nmol/min/mg.
精製度	> 75 % Densitometry. Purified using an N-terminal enzyme tag. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
領域	1 to 473

特性

Our **Abpromise guarantee** covers the use of **ab59979** in the following tested applications.

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

アプリケーション	Functional Studies SDS-PAGE
製品の状態	Liquid
備考	ab204880 (RPS6 peptide) can be utilized as a substrate for assessing kinase activity

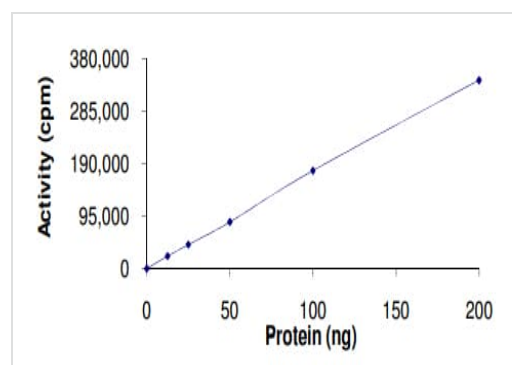
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 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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関連情報

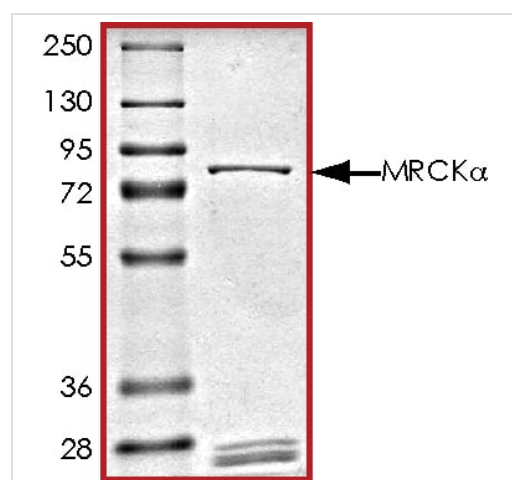
機能	May act as a downstream effector of CDC42 in cytoskeletal reorganization. Contributes to the actomyosin contractility required for cell invasion, through the regulation of MYPT1 and thus MLC2 phosphorylation.
組織特異性	Abundant in the heart, brain, skeletal muscle, kidney, and pancreas, with little or no expression in the lung and liver.
配列類似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. DMPK subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 CNH domain. Contains 1 CRIB domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 protein kinase domain.
細胞内局在	Cytoplasm. Displays a dispersed punctate distribution and concentrates along the cell periphery, especially at the leading edge and cell-cell junction. This concentration is PH-domain dependent.

画像



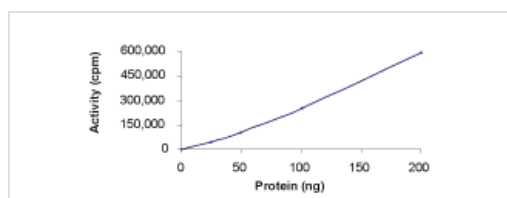
The specific activity of CDC42 binding protein kinase alpha (ab59979) was determined to be 86 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human CDC42 binding protein kinase alpha (ab59979)



SDS PAGE analysis of ab59979

SDS-PAGE - Recombinant human CDC42 binding protein kinase alpha (ab59979)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human CDC42
binding protein kinase alpha (ab59979)



ab59979 on SDS-PAGE.

SDS-PAGE - Recombinant human CDC42 binding
protein kinase alpha (ab59979)

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

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