

Recombinant human DCLK2 protein ab85758

4 图像

描述

产品名称	重组人DCLK2蛋白
生物活性	The Specific activity of ab85758 was determined to be 94 nmol/min/mg.
纯度	> 80 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	1 to 690

技术指标

Our **Abpromise guarantee** covers the use of **ab85758** in the following tested applications.

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

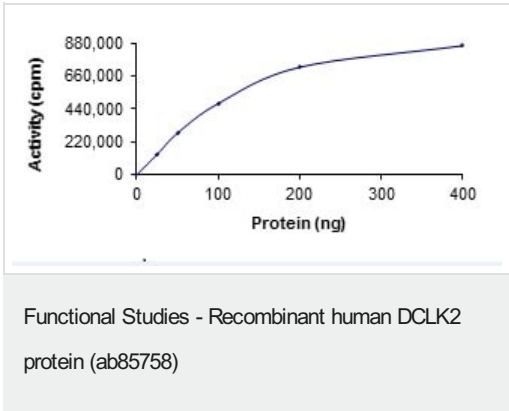
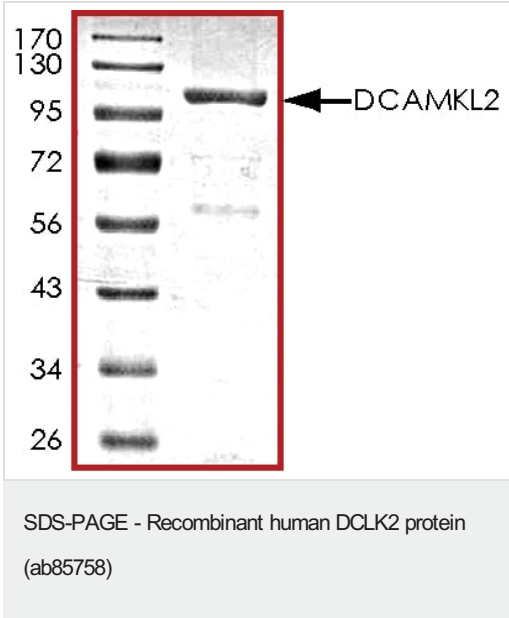
应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	ab204861 (Hsp27 peptide) can be utilized as a substrate for assessing kinase activity Previously labelled as DCAMKL2.

制备和贮存

稳定性和存储	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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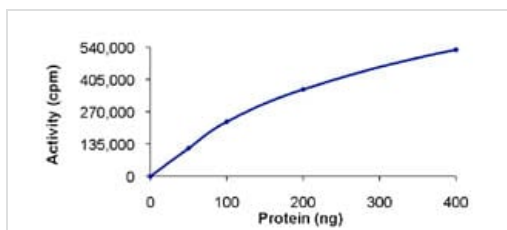
常规信息	
功能	Protein kinase with a significantly reduced Ca ²⁺ /CAM affinity and dependence compared to other members of the CaMK family. May play a role in the down-regulation of CRE-dependent gene activation probably by phosphorylation of the CREB coactivator CRTC2/TORC2 and the resulting retention of TORC2 in the cytoplasm.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 2 doublecortin domains. Contains 1 protein kinase domain.
结构域	The doublecortin domains are involved in the colocalization with microtubules.
细胞定位	Cytoplasm > cytoskeleton. Colocalizes with microtubules.

图片



SDS PAGE analysis of ab85758

The specific activity of DCLK2 (ab85758) was determined to be 105 nmol /min/mg as per activity assay protocol.



The Specific activity of ab85758 was determined to be 94 nmol/min/mg.

Functional Studies - Recombinant human DCLK2 protein (ab85758)



SDS-PAGE showing ab85758 at approximately 105kDa.

SDS-PAGE - Recombinant human DCLK2 protein (ab85758)

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