

Recombinant human DCAMKL1 protein ab101777

5 图像

描述

产品名称	重组人DCAMKL1蛋白
生物活性	The Specific activity of ab101777 was determined to be 3.4 nmol/min/mg.
纯度	> 80 % Densitometry. Affinity purified.
表达系统	Baculovirus infected insect cells
Accession	<u>O15075</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	110 kDa including tags
氨基酸	1 to 740

技术指标

Our **Abpromise guarantee** covers the use of **ab101777** 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
形式	Liquid
补充说明	<u>ab188554</u> (CaMKII peptide) can be utilized as a substrate for assessing Kinase activity

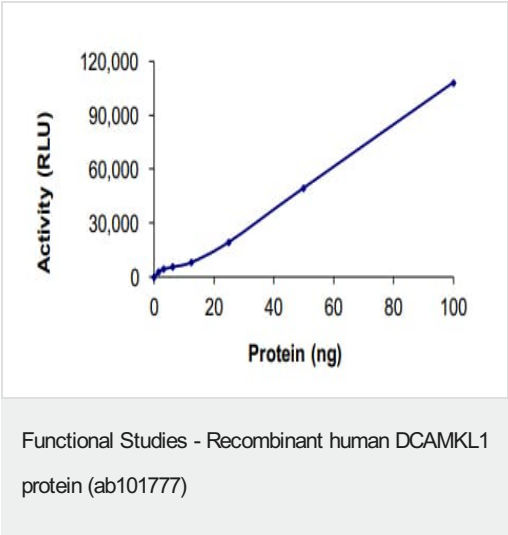
制备和贮存

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: 0.307% 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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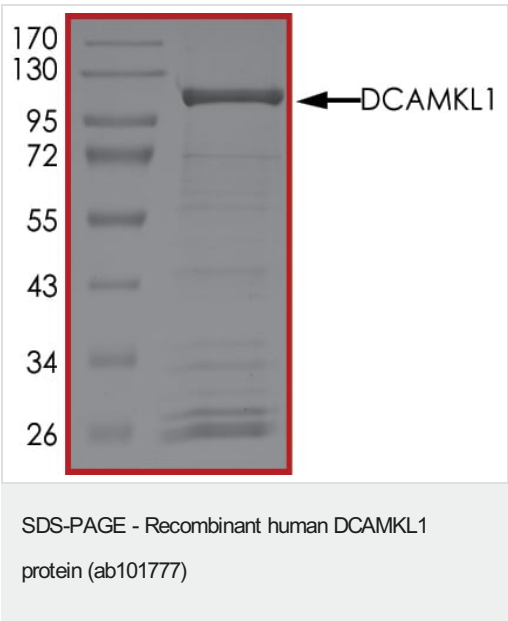
常规信息

功能	Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.
组织特异性	In fetal tissues, highly expressed in brain, detectable in lung and liver, but not in kidney. In adult tissues, expressed ubiquitously in the brain, detectable in the heart, liver, spleen, thymus, prostate, testis, ovary, small intestine and colon. The type A isoforms seem to be expressed predominantly in fetal brain whereas type B isoforms are expressed abundantly in both fetal and adult brain.
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.

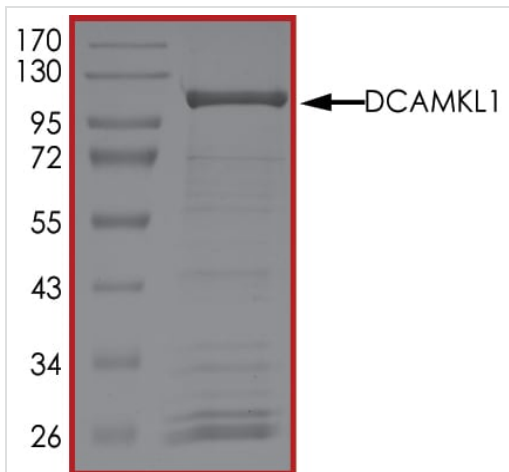
图片



The specific activity of DCAMKL1 (ab101777) was determined to be 3 nmol/min/mg as per activity assay protocol and was equivalent to 3.9 nmol/min/mg as per radiometric assay

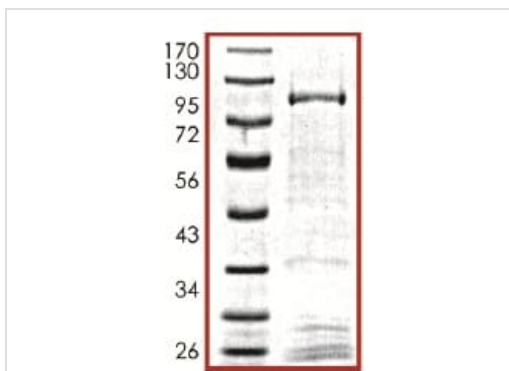


SDS PAGE analysis of ab101777



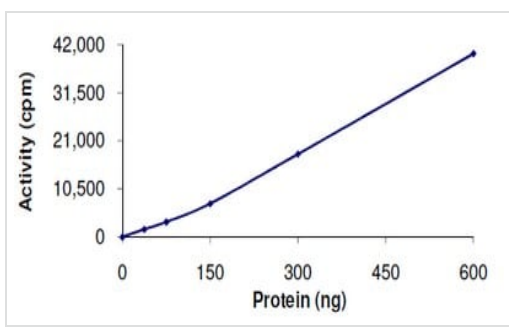
SDS PAGE analysis of ab101777

SDS-PAGE - Recombinant human DCAMKL1 protein (ab101777)



SDS-PAGE showing ab101777 at approximately 110kDa.

SDS-PAGE - Recombinant human DCAMKL1 protein (ab101777)



The Specific activity of ab101777 was determined to be 3.4 nmol/min/mg.

Functional Studies - Recombinant human DCAMKL1 protein (ab101777)

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

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