

Recombinant human DCAMKL1 protein ab101777

画像数 5

製品の詳細

製品名	Recombinant human DCAMKL1 protein
生理活性	The Specific activity of ab101777 was determined to be 3.4 nmol/min/mg.
精製度	> 80 % Densitometry. Affinity purified.
発現系	Baculovirus infected insect cells
アクセッション番号	<u>O15075</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	110 kDa including tags
領域	1 to 740

特性

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.

アプリケーション	Western blot Functional Studies
製品の状態	Liquid
備考	<u>ab188554</u> (CaMKII peptide) can be utilized as a substrate for assessing Kinase activity

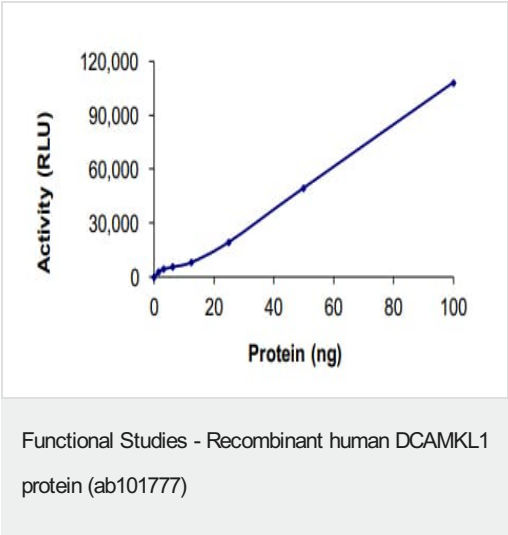
前処理および保存

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: 0.307% 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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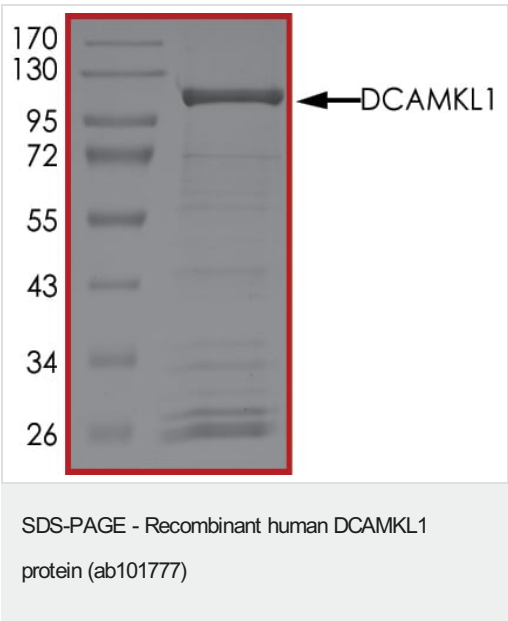
関連情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 2 doublecortin domains. Contains 1 protein kinase domain.

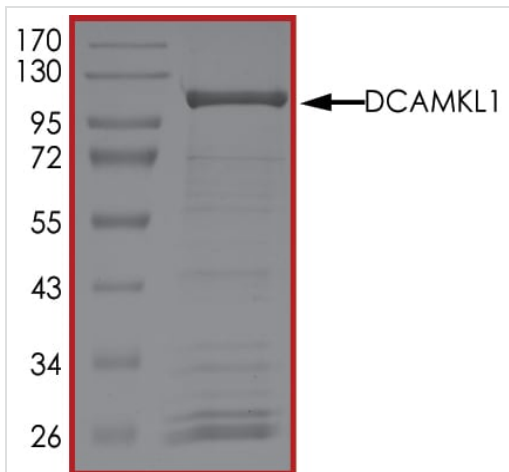
画像



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

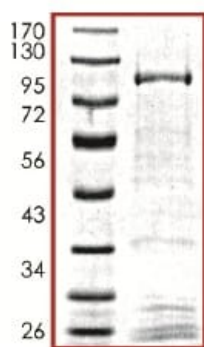


SDS PAGE analysis of ab101777



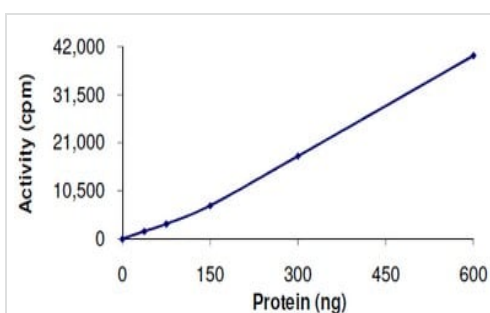
SDS PAGE analysis of ab101777

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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