

Recombinant human CK1 epsilon protein (ab104024) ab104024

画像数 5

製品の詳細

製品名	Recombinant human CK1 epsilon protein (ab104024)
生理活性	The Specific activity of ab104024 was determined to be 46 nmol/min/mg.
精製度	> 75 % SDS-PAGE. Purity was determined to be >75% by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<u>P49674</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	72 kDa including tags
領域	1 to 416
製品の詳細	Recombinant human CK1 epsilon protein

特性

Our **Abpromise guarantee** covers the use of **ab104024** 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	<u>ab91090</u> (Cow Casein full length protein) can be utilized as a substrate for assessing Kinase activity

前処理および保存

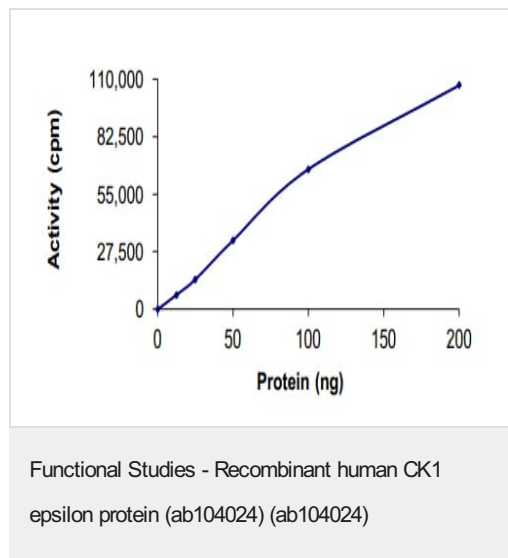
保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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This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

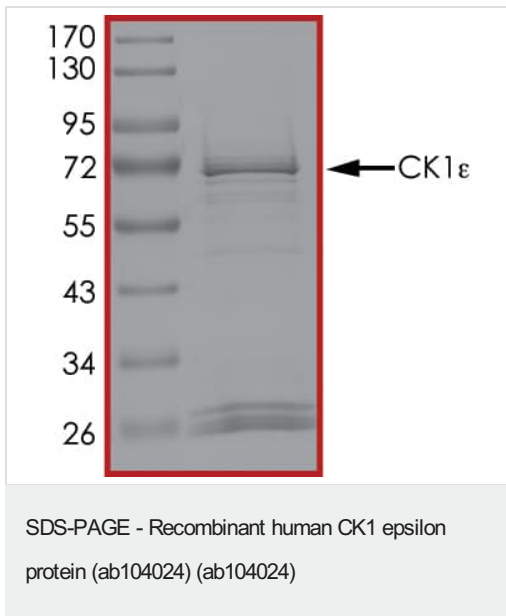
関連情報

機能	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. Can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates DVL1. Central component of the circadian clock. May act as a negative regulator of circadian rhythmicity by phosphorylating PER1 and PER2. Retains PER1 in the cytoplasm. Inhibits cytokine-induced granulocytic differentiation.
組織特異性	Expressed in all tissues examined, including brain, heart, lung, liver, pancreas, kidney, placenta and skeletal muscle. Expressed in monocytes and lymphocytes but not in granulocytes.
配列類似性	Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Autophosphorylated.
細胞内局在	Cytoplasm. Nucleus.

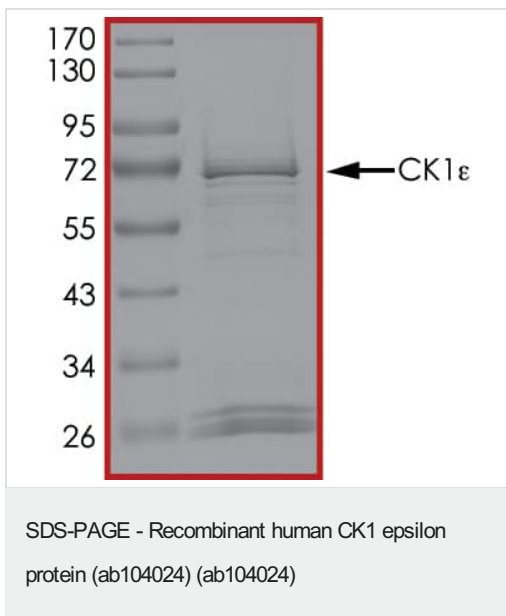
画像



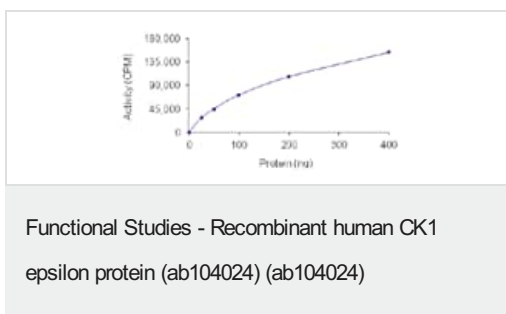
The specific activity of CK1 epsilon (ab104024) was determined to be 39 nmol/min/mg as per activity assay protocol



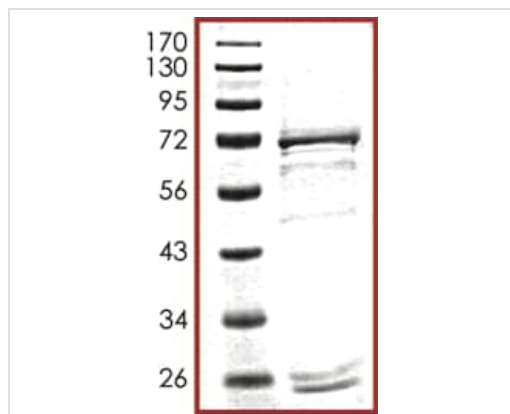
SDS PAGE analysis of ab104024



SDS PAGE analysis of ab104024



The Specific activity of ab104024 was determined to be 46 nmol/min/mg.



SDS-PAGE showing ab104024 at approximately 72kDa.

SDS-PAGE - Recombinant human CK1 epsilon
protein (ab104024) (ab104024)

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

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