

Recombinant human MNK1 protein ab125635

画像数 4

製品の詳細

製品名	Recombinant human MNK1 protein
生理活性	The specific activity of ab125635 was determined to be 16 - 20 nmol/min/mg.
精製度	> 85 % Densitometry. Purity was determined to be >85% by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<u>Q9BUB5</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	92 kDa including tags
領域	1 to 465

特性

Our **Abpromise guarantee** covers the use of **ab125635** 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 SDS-PAGE
製品の状態	Liquid
備考	<u>ab204868</u> (Modified EIF2S peptide) can be utilized as a substrate for assessing kinase activity

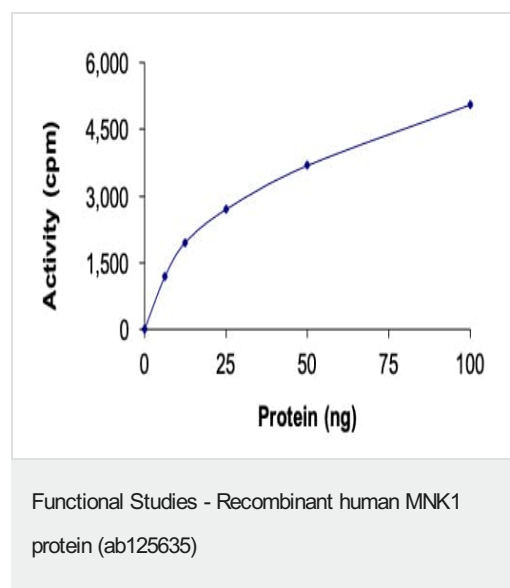
前処理および保存

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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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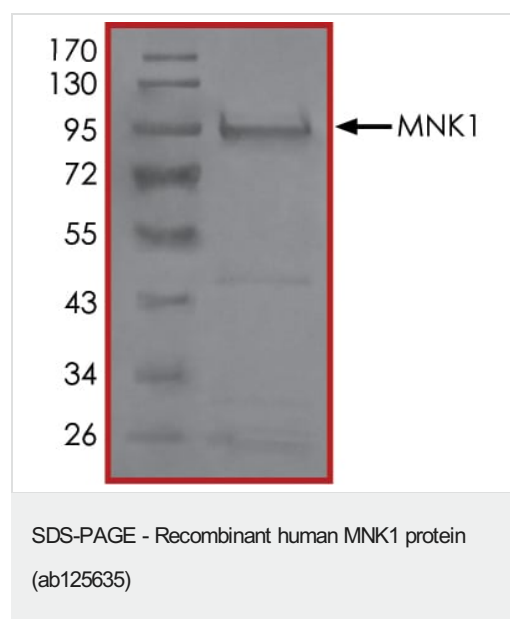
関連情報

機能	May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
組織特異性	Ubiquitous.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
翻訳後修飾	Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.
細胞内局在	Cytoplasm and Cytoplasm. Nucleus.

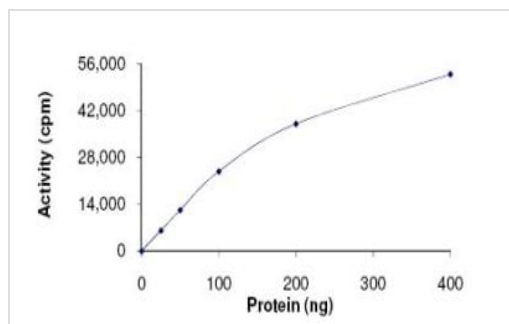
画像



The specific activity of MNK1 (ab125635) was determined to be 16 nmol/min/mg as per activity assay protocol

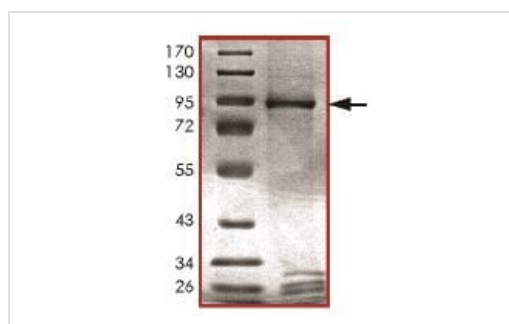


SDS PAGE analysis of ab125635



Sample Kinase Assay showing the specific activity of ab125635 as 16 nmol/min/mg.

Functional Studies - Recombinant human MNK1 protein (ab125635)



SDS-PAGE analysis of ab125635.

SDS-PAGE - Recombinant human MNK1 protein (ab125635)

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