

Product datasheet

Recombinant human MNK1 protein ab125635

2 图像

概述

产品名称	重组人MNK1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Baculovirus infected Sf9 cells
氨基酸序列	
Accession	Q9BUB5
种属	Human
分子量	92 kDa including tags
氨基酸	1 to 465

技术指标

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.

生物活性	The specific activity of ab125635 was determined to be 16 - 20 nmol/min/mg.
应用	Western blot Functional Studies SDS-PAGE
纯度	> 85 % Densitometry. Purity was determined to be >85% by densitometry.
形式	Liquid
补充说明	ab204868 (Modified EIF2S 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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA,
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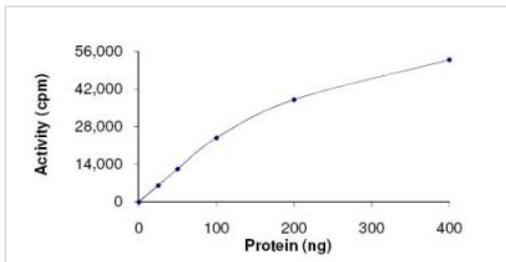
25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

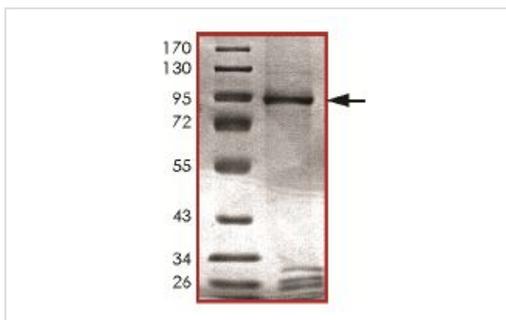
功能	May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
组织特异性	Ubiquitous.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
翻译后修饰	Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.
细胞定位	Cytoplasm and Cytoplasm. Nucleus.

图片



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)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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