

Product datasheet

Recombinant Human SAPK4 protein ab113869

1 图像

概述

产品名称	重组人SAPK4蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession	O15264
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMSLIRKKGFYKQDVNKTAWELPKTYVSPTH VGSGAYGSVCSAIDKRSGEKVAIKKLSRPFQSEIFAKRAYRELLLLKHMQ HENVIGLLDVFTPASSLRNFYDFYLVMPFMQTDLQKIMGMEFSEEKIQYL VYQMLKGLKYIHSAGVVHRDLKPGNLAVNEDCELKILDFGLARHADAEMT GYVVTRWYRAPEVILSWMHYNQTVDIWSVGCIMAEMLTGKTLFKGKDYL QLTQILKVTGVPGTEFVQKLNDKAAKSYIQSLPQTPRKDFTQLFPRASPQ AADLLEKMLELDVDKRLTAAQALHPFFEPFRDPEEETEAQQPFDDSL EKLTVDEWKQHIYKEIVNFSPARKDSRRRSGMKL
分子量	44 kDa including tags
氨基酸	1 to 365
标签	His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab113869** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
纯度	> 90 % SDS-PAGE. ab113869 was purified using conventional chromatography.

形式 Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 20% Glycerol, 0.58% Sodium chloride, 0.02% DTT

常规信息

功能

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating downstream targets. Plays a role in the regulation of protein translation by phosphorylating and inactivating EEF2K.

组织特异性

Expressed in testes, pancreas, small intestine, lung and kidney. Abundant in macrophages, also present in neutrophils, CD4+ T-cells, and endothelial cells.

序列相似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

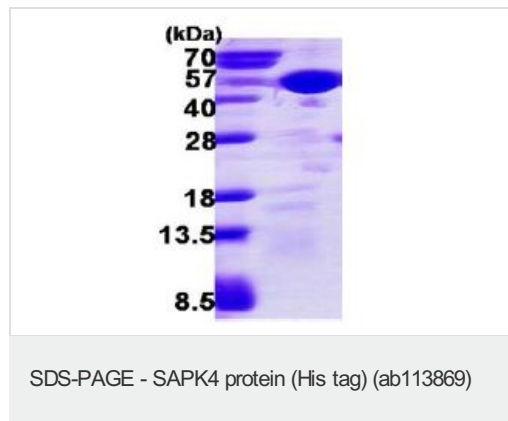
结构域

The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

翻译后修饰

Dually phosphorylated on Thr-180 and Tyr-182, which activates the enzyme.

图片



15% SDS-PAGE analysis of 3 µg ab113869.

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