abcam

Product datasheet

Recombinant Mouse MYL9 protein ab60014

画像数1

製品の詳細

製品名 Recombinant Mouse MYL9 protein

精製度 > 95 % Densitometry.

発現系 Escherichia coli

タンパク質長 Full length protein

Animal free No

由来 Recombinant

生物種 Mouse

特性

Our Abpromise guarantee covers the use of ab60014 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 SDS-PAGE

製品の状態 Liquid

備考 ab60014 (Mouse MYL9 full length protein) can be utilized as a substrate for the following active

protein Kinases:

ab55674 (Active human Myosin light chain kinase protein fragment)

<u>ab84799</u> (Active human MYLK3 full length protein) <u>ab84800</u> (Active human MYLK2 full length protein)

<u>ab89742</u> (Active human DAP Kinase 2 full length protein) <u>ab190995</u> (Active human MYLK4 full length protein)

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: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin,

glycerine), 0.87% Sodium chloride

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関連情報

機能 Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and

nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor

capping, and cell locomotion.

組織特異性 Smooth muscle tissues and in some, but not all, nonmuscle cells.

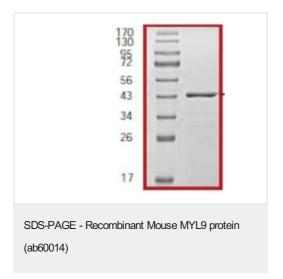
配列類似性 Contains 3 EF-hand domains.

翻訳後修飾 Phosphorylation increases the actin-activated myosin ATPase activity and thereby regulates the

contractile activity. It is required to generate the driving force in the migration of the cells but not

necessary for localization of myosin-2 at the leading edge.

画像



ab60014 on SDS-PAGE.

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