

# Recombinant Mouse MYL9 protein ab60014

## 1 图像

### 描述

产品名称	重组小鼠MYL9蛋白
纯度	> 95 % Densitometry.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse

### 技术指标

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.

应用	SDS-PAGE
形式	Liquid
补充说明	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)  
**ab84799** (Active human MYLK3 full length protein)  
**ab84800** (Active human MYLK2 full length protein)  
**ab89742** (Active human DAP Kinase 2 full length protein)  
**ab190995** (Active human MYLK4 full length protein)

### 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: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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## 常规信息

功能	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.
组织特异性	Smooth muscle tissues and in some, but not all, nonmuscle cells.
序列相似性	Contains 3 EF-hand domains.
翻译后修饰	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.

## 图片



ab60014 on SDS-PAGE.

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

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