

Recombinant human Myosin IIIB protein ab55716

4 图像

描述

| | |
|-------|--------------------------------------------|
| 产品名称 | 重组人Myosin IIIB蛋白 |
| 生物活性 | Specific Activity: 85 nmol/min/mg |
| 纯度 | > 90 % Densitometry. Affinity purified. |
| 表达系统 | Baculovirus infected Sf9 cells |
| 蛋白长度 | Protein fragment |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 氨基酸 | 1 to 326 |

技术指标

Our **Abpromise guarantee** covers the use of **ab55716** in the following tested applications.

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

| | |
|------|------------------------------------------------------------------------------------------------------------|
| 应用 | Functional Studies SDS-PAGE |
| 形式 | Liquid |
| 补充说明 | ab64311 (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity |

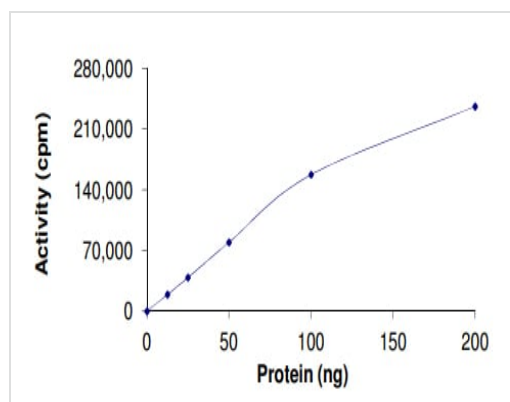
制备和贮存

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| 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: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution. |
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常规信息

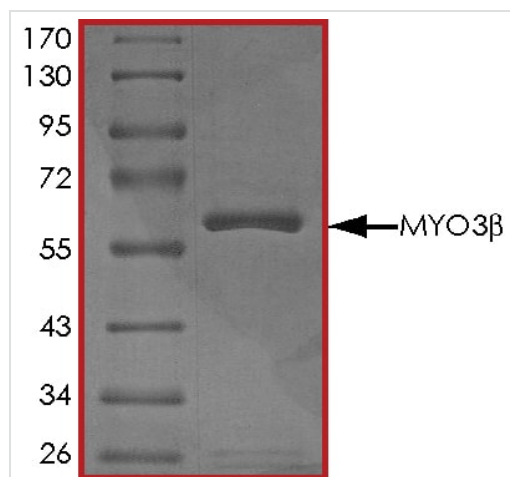
| | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 功能 | Probable actin-based motor with a protein kinase activity. |
| 组织特异性 | Expressed in retina, kidney and testis. |
| 序列相似性 | In the N-terminal section; belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. Contains 2 IQ domains. Contains 1 myosin head-like domain. Contains 1 protein kinase domain. |
| 细胞定位 | Cytoplasm > cytoskeleton. |

图片



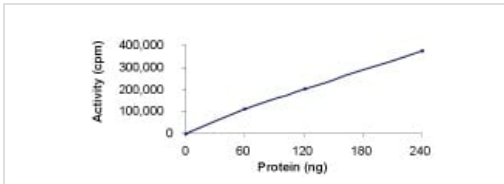
The specific activity of Myosin III B (ab55716) was determined to be 78 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human Myosin III B protein (ab55716)



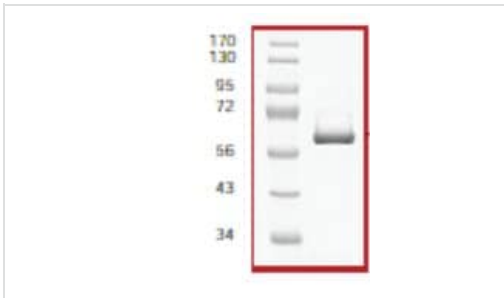
SDS PAGE analysis of ab55716

SDS-PAGE - Recombinant human Myosin III B protein (ab55716)



Kinase assay using ab55716. Specific activity 85 nmol/min/mg.

Functional Studies - Recombinant human Myosin III B protein (ab55716)



SDS-PAGE analysis of **ab57716** with molecular weight markers. Approximate molecular weight 63kDa.

SDS-PAGE - Recombinant human Myosin III B protein (ab55716)

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