

Product datasheet

Recombinant Human Cofilin protein ab85154

1 图像

概述

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

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
种属	Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab85154** 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 Western blot
形式	Liquid
补充说明	ab85154 (Human Cofilin full length protein) can be utilized as a substrate for the following active protein kinases:  <a href="#">ab140418</a> (Active human TESK2 full length protein) <a href="#">ab174066</a> (Active human LIMK1 protein fragment)

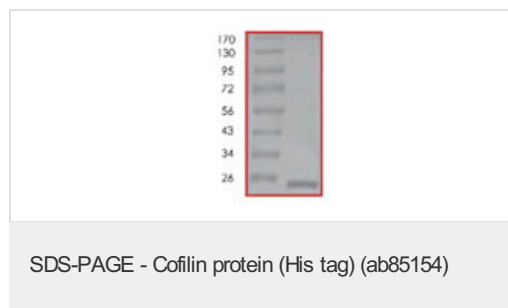
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Preservative: 150mM Imidazole Constituents: 25% Glycerol, 50mM Sodium phosphate, 300mM Sodium chloride, 2mM DTT, 0.1mM PMSF, pH 7.0
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## 常规信息

功能	Controls reversibly actin polymerization and depolymerization in a pH-sensitive manner. It has the ability to bind G- and F-actin in a 1:1 ratio of cofilin to actin. It is the major component of intranuclear and cytoplasmic actin rods.
组织特异性	Widely distributed in various tissues.
序列相似性	Belongs to the actin-binding proteins ADF family. Contains 1 ADF-H domain.
翻译后修饰	Phosphorylated on Ser-3 in resting cells.
细胞定位	Nucleus matrix. Cytoplasm > cytoskeleton. Almost completely in nucleus in cells exposed to heat shock or 10% dimethyl sulfoxide.

## 图片



SDS-PAGE showing ab85154 at approximately 23kDa.

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