

Product datasheet

Recombinant Human Cofilin protein ab62958

1 Image

Overview

Product name Recombinant Human Cofilin protein
Protein length Full length protein

Description

Nature Recombinant
Source Escherichia coli

Amino Acid Sequence

Species Human
Sequence **MGSSHHHHHH SSSLVPRGSH** MASGVAVSDG
 VIKVFNDMKV RKSSTPEEVK KRKKAVLFCL
 SEDKKNILE EGKEILVGDV GQTVDDPYAT
 FVKMLPKDC RYALYDATYE TKESKKEDLV
 FIFWAPESAP LSKSMYASS KDAIKKKLTG
 IKHELQANCY EEVKDRCTLA EKLGGSAVIS LEGKPL

Specifications

Our [Abpromise guarantee](#) covers the use of **ab62958** in the following tested applications.
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE
 Western blot
Purity > 95 % SDS-PAGE.
 purified by using conventional chromatography techniques
Form Liquid

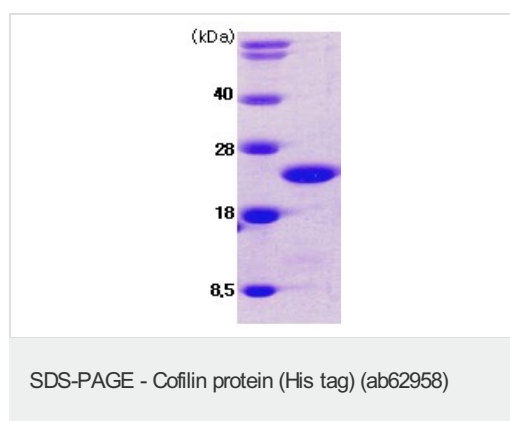
Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
 Preservative: None
 Constituents: 10% Glycerol, 20mM Tris, pH 8

General Info

Function	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.
Tissue specificity	Widely distributed in various tissues.
Sequence similarities	Belongs to the actin-binding proteins ADF family. Contains 1 ADF-H domain.
Post-translational modifications	Phosphorylated on Ser-3 in resting cells.
Cellular localization	Nucleus matrix. Cytoplasm > cytoskeleton. Almost completely in nucleus in cells exposed to heat shock or 10% dimethyl sulfoxide.

Images



SDS Page analysis of ab62958 (3ug, 15% gel).

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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