

Product datasheet

Recombinant Human Profilin 2 protein ab95291

1 Image

Description

Product name	Recombinant Human Profilin 2 protein
Purity	> 95 % SDS-PAGE. ab95291 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MAGWQSYVDN LMCDGCCQEA AVGYCDAKY VWAATAGGVF QSITPIEIDM VGKDREGFF TNGALGAKK CSVIRDSL YV DGDCTMDIRT KSQGGEPTYN VAVGRAGRVL VFVMGKEGVH GGGLNKKAYS MAKYLRDSGF

Specifications

Our **Abpromise guarantee** covers the use of **ab95291** 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
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Function	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin
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prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG.

Tissue specificity

Highly expressed in brain, skeletal muscle and kidney and less strongly in heart, placenta, lung and liver.

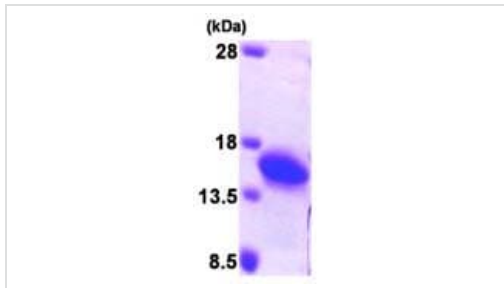
Sequence similarities

Belongs to the profilin family.

Cellular localization

Cytoplasm > cytoskeleton.

Images



15% SDS-PAGE analysis of 3µg ab95291

SDS-PAGE - Recombinant Human Profilin 2 protein
(ab95291)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- 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
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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