



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# AHA1 Protein

Yeast Recombinant AHA1 Protein  
Catalog No. SPR-314



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

AHA1 Protein

### Description

Yeast Recombinant AHA1 Protein

### Applications

WB, SDS-PAGE, Functional Assay

### Concentration

1.8 mg/ml

### Conjugates

His tag

### Nature

Recombinant

### Species

Yeast

### Expression System

E. coli

### Amino Acid Sequence

MGHHHHHHMVVNNPNNWHWVDKNCIGWAKEYFKQKLVGVEAGSVKDKKYAKIKSVSSIEGDCEVNQRKGVISLFDLKITVLEIGHVDSKDGSALPFEG  
SINVPEVAFDSEASSYQFDISIFKETSELSSEAKPLIRSELLPKLRQIFQQFGKDLLATHGNDIQVPESQVKSNYTRGNQKSSFTEIKDSASKPKKNALPS

## Properties

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### Storage Buffer

12.5mM Hepes buffer pH7.2, 10mM NaCl, 50% glycerol

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

Affinity Purified

### Specificity

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~405 kDa

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### Cite This Product

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Yeast Recombinant AHA1 Protein (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPR-314)

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### Certificate Of Analysis

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This product has been certified >90% pure using SDS - PAGE analysis.

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## Biological Description

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### Alternative Names

Aha1 Protein, SHSA1 Protein, HSPC322 Protein, p38 Protein

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### Research Areas

Cancer, Heat Shock, Cell Signaling, Chaperones, Trafficking

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### Cellular Localization

Cytoplasm

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### Accession Number

NM\_001180522.1

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### Gene ID

851800

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### Swiss Prot

Q12449

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### Scientific Background

Aha1 is a member of the HSP90 cochaperone family, and is thought to stimulate HSP90 ATPase activity by competing with p23 and other co-chaperones for HSP90 binding (1, 2). It may affect a step in the endoplasmic reticulum to Golgi trafficking. Aha1 also interacts with HSPCA/HSP90 and with the cytoplasmic tail of the vesicular stomatitis virus glycoproteins (VSV G) (3). Aha1 is expressed in numerous tissues, including the brain, heart, skeletal muscle, and kidney, and at low levels, the liver and placenta. Aha1 might be a potential therapeutic strategy to increase sensitivity to HSP inhibitors (4).

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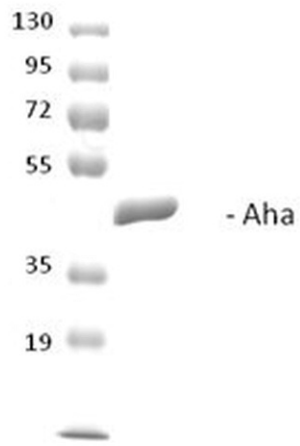
### References

1. Hainzl O., Lapina M.C., Buchner J., Richter K. (2009) J Biol Chem. Epub.
  2. Harst A., Lin H., Obermann W.M. (2005) Biochem J. 387 (pt.3): 789-796.
  3. Lotz G.P., Brychzy A., Heinz S., Obermann W.M. (2008) J Cell Sci. 121(pt.5): 717-723.
  4. Holmes J.L., Sharp S.Y., Hobbs S., Workman P. (2008) Cancer Res. 68(4): 1188-1197.
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## Product Images

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SDS-PAGE of ~38kDa his-tagged mouse Aha2 protein (SPR-314).



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.