



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# AHA2 Protein

Mouse Recombinant AHA2 Protein  
Catalog No. SPR-313



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

AHA2 Protein

### Description

Mouse Recombinant AHA2 Protein

### Applications

WB, SDS-PAGE, Functional Assay

### Concentration

0.55 mg/ml

### Conjugates

His tag

### Nature

Recombinant

### Species

Mouse

### Expression System

E. coli

### Amino Acid Sequence

MGHHHHHMAKWGQGDPRWIVEEREDGTNVNWHWTERDATIWSKGKRELLVGIAMENEAGRCEISELKQVEGEASCNSRKGLIFFYEWNKILAW  
KGTVKESGAKHKGLIEIPSLSEENEINDTEVNVSKKKGDEILKDLMRRTGTAKVREALGEYKALKTEFTTGMILPTKAVATQELTLQRKLNENKLQASPV

## Properties

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### Storage Buffer

25mM Trif buffer pH7.2, 150mM NaCl, 0.1mM DTT, 50% glycerol

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

Affinity Purified

### Specificity

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~38 kDa

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### Cite This Product

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Mouse Recombinant AHA2 Protein (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPR-313)

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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

ATPase hydrogen-exporting ATPase 2 Protein, Activator of 90 kDa heat shock protein ATPase homolog 2 protein, Ahsa2 protein

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### Research Areas

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Cancer, Heat Shock

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### Accession Number

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NM\_172391.3

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### Gene ID

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268390

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### Swiss Prot

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Q8N9S3

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### Scientific Background

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Aha2 shares 45% sequence homology with Aha1, however, little is known about the functional protein. 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

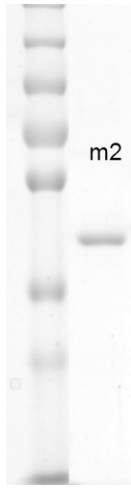
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1. Hainzl O., Lapina M.C., Buchner J., Richter K. (2009) J Biol Chem. Epub.
  2. Harst A., Lin H., Obermann W.M. (2005) Biochem J. 387 (pt.3): 789-796.
  3. Lotz G.P., Brychzy A., Heinz S., Obermann W.M. (2008) J Cell Sci. 121(pt.5): 717-723.
  4. 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 yeast Aha2 protein (SPR-313).



## 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.