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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

www.szabo-scandic.com

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

AHA2 Protein

Human Recombinant AHA2 Protein
Catalog No. SPR-312



Discovery through partnership | Excellence through quality

Overview

Product Name

AHA2 Protein

Description

Human Recombinant AHA2 Protein

Applications

WB, SDS-PAGE

Concentration

0.14 mg/ml

Conjugates

His tag

Nature

Recombinant

Species

Human

Expression System

E. coli

Properties

Storage Buffer

100mM NaH₂ p4.5, 10mM Tris buffer with 8M urea

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Affinity Purified

Specificity

~38 kDa

Cite This Product

Human Recombinant AHA2 Protein (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPR-312)

Certificate Of Analysis

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

Biological Description

Alternative Names

ATPase hydrogen-exporting ATPase 2 Protein, Activator of 90 kDa heat shock protein ATPase homolog 2 protein, AHSA2 protein

Research Areas

Cancer, Heat Shock

Accession Number

NP_036243.1

Gene ID

130872

Swiss Prot

Q71910

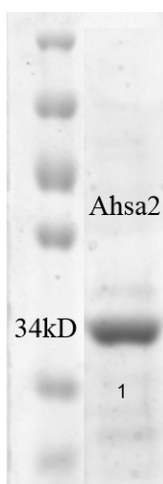
Scientific Background

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).

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



SDS-PAGE of ~38kDa his-tagged human Aha2 protein (SPR-312).

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.