



# 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

### 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) 

## Data Sheet

### Aha1, His-Tag

Human, recombinant, C-terminal His-Tag

**Catalog #:** 50291

**Lot#:** 130430-250E1      **Conc.:** 1.24 mg/ml

**Formulated in:** 40mM Tris pH8, 110mM NaCl, 2.2mM KCl, 3mM DTT, 20% glycerol, 200mM Imidazole.

**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . Avoid freeze/thaw cycles.

**References:**

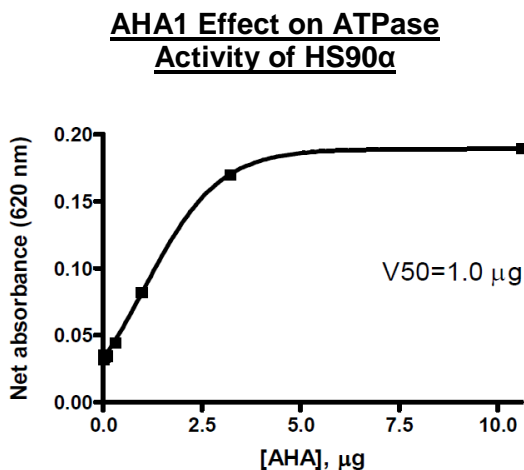
1. Wang, X. *et al.*, *Cell* **127** (4), 803-815 (2006).
2. Lotz, G.P. *et al.*, *J. Biol. Chem.* **278** (19), 17228-17235 (2003).

**Description:** Human recombinant full-length AHA1 (GenBank Accession No. NM\_012111), with C-terminal His-tag, MW=38 kDa, expressed in a Baculovirus-infected Sf9 cell expression system.

**Assay Conditions:** The addition of AHA1 increased ATPase activity of HSP90 $\alpha$  from 0.18 to 0.94 pmol/min/ $\mu\text{g}$ . 50  $\mu\text{l}$  reaction mix (100 mM Tris-HCl pH7.4, 20 mM KCl, 6 mM MgCl<sub>2</sub>, 200  $\mu\text{M}$  ATP, and 5  $\mu\text{g}$  Hsp90 $\alpha$ ) was incubated with Aha1 (0-10  $\mu\text{g}$ ) for 3 hrs at 37 $^{\circ}\text{C}$ . 100  $\mu\text{l}$  malachite green reagent was added to stop the reaction. Absorbance was measured at 620 nm.

**Application:** Useful for the study of HSP90 $\alpha$  activity and biochemical function.

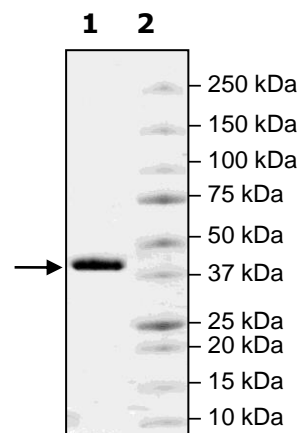
### Quality Assurance



**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
2.5  $\mu\text{g}$  Aha1  
**Lane 2:**  
Protein Marker

**MW:** 38 kDa  
**Purity:**  $\geq 90\%$



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**  
 Or you can Email us at: [info@bpsbioscience.com](mailto:info@bpsbioscience.com)  
 Please visit our website at: [www.bpsbioscience.com](http://www.bpsbioscience.com)