

Datasheet for ABIN1686742
AHSA1 Protein (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	AHSA1
Origin:	Saccharomyces cerevisiae
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHSA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Functional Studies (Func)

Product Details

Sequence:	MGHHHHHHMV VNNPNNWHWV DKNCIGWAKE YFKQKLVGVE AGSVKDKKYA KIKSVSSIEG DCEVNQRK GK VISLFDLKIT VliegHVDSK DGSALPFEGS INVPEVAFDS EASSYQFDIS IFKETSELS AKPLIRSELL PKLRQIFQQF GKDLLATHGN DIQVPESQVK SNYTRGNQKS SFTEIKDSAS KPKKNALPSS TSTSAPVSST NKVPQNGSGN STSIYLEPTF NVPSSSELYET FLDKQRILAW TRSAQFFNSG PKLETKEKFE LFGGNVISEL VSCEKDKKLV FHWKLDKDSA PFNSTIEMTF HESQEFHETK LQVKWTGIPV GEEDRVANF EEYYVRSIKL TFGFGAVL
Specificity:	~405 kDa
Purification:	Affinity Purified
Purity:	>90%

Target Details

Target:	AHSA1
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Target Details

Alternative Name: [Aha1 \(AHSA1 Products\)](#)

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).

Molecular Weight: Approx. 40.5 kDa

Gene ID: 851800

NCBI Accession: [NM_001180522](#)

UniProt: [Q12449](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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

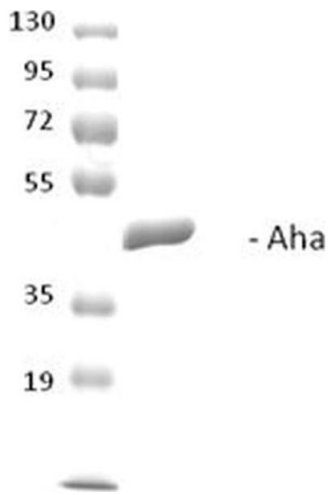
Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: 12.5 mM HEPES buffer pH 7.2, 10 mM NaCl, 50 % glycerol

Storage: -20 °C



SDS-PAGE

Image 1. SDS-PAGE of ~38 kDa his-tagged yeast Aha1 protein (ABIN1686741, ABIN1686742 and ABIN1686743).