

# Recombinant Human AHSA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AHSA1-2443H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	AHSA1 MS Standard C13 and N15-labeled recombinant protein (NP_036243) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Acts as a co-chaperone of HSP90AA1. Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity. Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins.
<b>Molecular Mass</b>	38.3 kDa
<b>AA Sequence</b>	MAKWGEGDPRWIVEERADATNVNNWHWTERDASNWSTDKLTFLAVQVQNEEG KCEVTEVSKLDGEASINNRKGLIFFYEWVSVKLNWTGTSGVQYKGVHVEIPNLSDE NSVDEVEISVSLAKDEPDTNLVALMKEEGVKLLREAMGIYISTLKTEFTQGMILPTMN GESVDPVGPALKTEERKAKPAPSKTQARVGVKIPTCKITLKETFLTSPPELYRVFT TQELVQAFTHAPATLEADRGGKFHMVDGNVSGFTDLVPEKHIVMKWRFKSWPEG HFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQRYFEGIKQTFGYGARLFT RTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	AHSA1 activator of HSP90 ATPase activity 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	AHSA1
<b>Synonyms</b>	AHSA1; AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast); C14orf3, chromosome 14 open reading frame 3; activator of 90 kDa heat shock protein ATPase homolog 1; p38; AHA1; C14orf3;
<b>Gene ID</b>	10598
<b>mRNA Refseq</b>	NM_012111
<b>Protein Refseq</b>	NP_036243
<b>MIM</b>	608466
<b>UniProt ID</b>	O95433

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA