

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

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

SPECIFICATION

Product Overview	AHSA1 MS Standard C13 and N15-labeled recombinant protein (NP_036243) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	38.3 kDa
AA Sequence	MAKWGEGDPRWIVEERADATNVNNWHWTERDASNWSTDCLKTLFLAVQVQNEEG KCEVTEVSKLDGEASINNRKGKLIFFYEWVSVKLNWTGTSGVQYKGVHVEIPNLSDE NSVDEVEISVSLAKDEPDNLVALMKEEGVKLLREAMGIYISTLKTEFTQGMILPTMN GESVDPVGQPALKTEERKAKPAPSKTQARPVGVKIPTCKITLKETFLTSPPELYRVFT TQELVQAFTHAPATLEADRGGKFHMDGNVSGFTDLVPEKHIVMKWRFKSWPEG HFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQRYFFEGIKQTFGYGARLFT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

Gene Name	AHSA1 activator of HSP90 ATPase activity 1 [Homo sapiens (human)]
Official Symbol	AHSA1
Synonyms	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;
Gene ID	10598
mRNA Refseq	NM_012111
Protein Refseq	NP_036243
MIM	608466
UniProt ID	O95433

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SDS-PAGE

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