

## Recombinant Human AHSA1, His-tagged

**Cat. No.** AHSA1-26661TH **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human AHA1 with C-terminal His tag, 38 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Activator of 90 kDa heat shock protein ATPase homolog 1 is an enzyme that in humans is encoded by the AHSA1 gene.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
<b>Biological activity</b>	Specific Activity: The addition of AHA1 increased ATPase activity of hsp90 alpha from 0.18 to 0.94 pmol/min/ug. Assay conditions: 50 µl reaction mix (100 mM Tris-HCl pH7.4, 20 mM KCl, 6 mM MgCl <sub>2</sub> , 200 µM ATP, and 5 µg Hsp90alpha) was incubated with Aha1 (0-1
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 30% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8.0

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<b>Storage</b>	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the AHA1 family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	AHSA1 AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) [ Homo sapiens ]
<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;
<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
<b>Chromosome Location</b>	14q
<b>Function</b>	ATPase activator activity; ATPase activator activity; chaperone binding; protein

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