

Recombinant Human AHSA1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human AHA1 with C-terminal His tag, 38 kDa.
Species	Human
Source	E.coli
Description	Activator of 90 kDa heat shock protein ATPase homolog 1 is an enzyme that in humans is encoded by the AHSA1 gene.
Conjugation	HIS
Tissue specificity	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
Biological activity	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 ₂ , 200 µM ATP, and 5 µg Hsp90alpha) was incubated with Aha1 (0-1
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8.0

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the AHA1 family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	AHSA1 AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) [Homo sapiens]
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;
Gene ID	10598
mRNA Refseq	NM_012111
Protein Refseq	NP_036243
MIM	608466
Uniprot ID	O95433
Chromosome Location	14q
Function	ATPase activator activity; ATPase activator activity; chaperone binding; protein

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binding;

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