

Activator of Hsp90 ATPase-1 (AHA1) Recombinant Protein | AHA1 recombinant protein

Activator of Hsp90 ATPase-1 (AHA1), 19-337aa, Human, E Coli

CATALOG # AAA48445	HOST E Coli	APPLICATIONS SDS-Page
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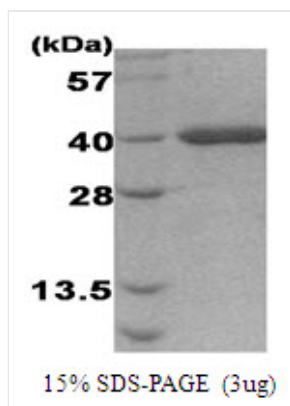
PRODUCT SYNONYMS

Activator of Hsp90 ATPase-1 (AHA1); 19-337aa; Human; E Coli; Activator of Hsp90 ATPase-1; AHA1; Activator of Hsp90 ATPase-1 (AHA1; 19-337); Activator of Hsp90 ATPase protein 1; Hsp90 co-chaperone AHA1; Activator of Hsp90 ATPase-1 Activator of 90 kDa heat shock protein ATPase homolog 1; Activator of heat shock 90kDa protein ATPase homolog 1; AHA 1; AHA1; AHA1; C14orf3; HSPC322; p38.; AHA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. 20mM Tris pH 8.0, 2mM EDTA
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MATNVNNWHW TERDASNWST DKLKTLFLAV QVQNEEGKCE VTEVSKLDGE ASINNRRGKL IFFYEWSVKL NWTGTSKSGV QYKGHVEIPN LSDENSVDEV EISVSLAKDE PDTNLVALMK EEGVKLLREA MGIYISTLKT EFTQGMILPT MNGESVDPVG QPALKTEERK AKPAPSKTQA RPVGVKIPTC KITLKETFLT SPEELYRVFT TQELVQAFTH APATLEADRG GKFHMVDGNV SGEFTDLVPE KHIVMKWRFK SWPEGHFATI TLTFIDKNGE TELCMEGRGI PAPEEERTRQ GWQRYFEGI KQTFGYGARL
Sequence Length	338
Applicable Applications for AHA1 recombinant protein	SDS-PAGE
Antigen Species	Human
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AHA1 recombinant protein	The co-chaperone Aha1 (Activator of HSP90 ATPase-1) binds the middle domain of Hsp90 (amino acid 272-627) and is proposed to function as an ATPase-activating protein that competes with p23 and other co-chaperones for Hsp90 binding. Recombinant Aha1 was expressed in E. coli and purified by using conventional chromatography techniques.
Product Categories/Family for AHA1 recombinant protein	Heat Shock Proteins
References	Meyer P., et al (2004). EMBO 23 (6): 1402-10; Siligardi G., et al (2004). J Biol Chem. 270 (50): 51989-98;

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912280
NCBI GeneID	10598
NCBI Accession #	NP_036243
NCBI GenBank Nucleotide #	NM_012111.2
UniProt Accession #	O95433; Q96IL6; Q9P060; B2R9L2; B4DUR9
Molecular Weight	36.1 kDa (320 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	activator of 90 kDa heat shock protein ATPase homolog 1 isoform 1
NCBI Official Synonym Full Names	activator of HSP90 ATPase activity 1
NCBI Official Symbol	AHSA1
NCBI Official Synonym Symbols	p38; AHA1; hAha1; C14orf3
NCBI Protein Information	activator of 90 kDa heat shock protein ATPase homolog 1
UniProt Protein Name	Activator of 90 kDa heat shock protein ATPase homolog 1
UniProt Gene Name	AHSA1
UniProt Synonym Gene Names	C14orf3; AHA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.