

Product information

AHA 1, 19-337 aa

Human, Recombinant, *E.coli*

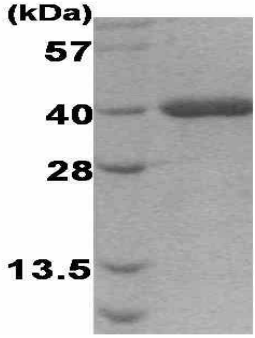
Cat. No. IBAHA0701

Full name: Activator of Hsp90 ATPase-1

NCBI Accession No.: NP_036243

Synonyms: AHSA1, p38

Description: 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.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM EDTA</p> <p>Molecular Weight: 36.1 kDa (320 aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p> <p>Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)</p>	 <p>(kDa)</p> <p>57</p> <p>40</p> <p>28</p> <p>13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MATNVNNWHW TERDASNWST DKLKTLFLAV QVQNEEGKCE VTEVSKLDGE ASINNRKQKL IFFYEWVSKL NWTGTSKSGV QYKGVHEIPN LSDENSVDEV EISVSLAKDE PDTNLVALMK EEGVKLLREA MGIYISTLKT EFTQGMILPT MNGESVDPVG QPALKTEERK AKPAPSKTQA RPYGVKIPTC KITLKETFLT SPEELYRVFT TQELVQAFTH APATLEADRG GKFHMVDGNV SGEFTDLVPE KHIVMKWRFK SWPEGHFATI TLTFIDKNGE TELCMEGRGI PAPEEERTRQ GWQRYFEGI KQTFGYGARL</p>	

General references:

Meyer P., *et al* (2004). *EMBO* **23**(6): 1402-10

Siligardi G., *et al* (2004). *J Biol Chem.* **270**(50): 51989-98

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.