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**Activator of Hsp90 ATPase-1 (AHA1, 19-337), Human, Recombinant, E.coli**

**Cat.NO.: TP01048**

3th Edition

**Synonyms:**Activator of Hsp90 ATPase-1; 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 cochaperones for Hsp90 binding. Recombinant Aha1 was expressed in E. coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM EDTA

**Molecular Weight:**36.1 kDa (320 aa), confirmed by MALDI-TOF

**Sequences:**

MATNVNNWHWTERDASNWSTDKLKTLFLAVQVQNEEGKCEVTEVSKLDGEASINNRKGKLIFFYEWSVKLNWTG  
TSKSGVQYKGHVEIPNLSDENSVDEVEISVSLAKDEPDTNLVALMKEEGVKLLREAMGIYISTLKTEFTQGMLPTMN  
GESVDPVGGPALKTEERKAKPAPSKTQARPVGVKIPTCKITLKETFLTSPPELYRVFTTQELVQAFTHAPATLEADR  
GGKFHMDVGNVSGEFTDLVPEKHIVMKWRFKSWPEGHFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQR  
YYFEGIKQTFGYGARL

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.