
Product Data Sheet

Product Name: AHA1 Human
 Cat. No.: GP25055
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	AHSA1; ACA1; p38; C14orf3; Activator of HSP90 ATPase-1.		
Amino Acid Sequence	MATNVNNWHW TERDASNWST DKLKTLFLAV QVQNEEGKCE VTEVSKLDGE ASINNRKGL IFFYEWVSVKL NWTGTSKSGV QYKGFHVEIPN LSDENSVDEV EISVSLAKDE PDTNLVALMKEEGVKLLREA MGIYISTLKT EFTQGMILPT MNGESVDPVG QPALKTEERK AKPAPSKTQARPVGVKIPTC KITLKETFLT SPEELYRVFT TQELVQAFTH APATLEADRG GKFHMVDGNV SGEFTDLVPE KHIVMKWRFK SWPEGHFATI TLTFIDKNGE TELCMEGRGI PAPEEERTRQ GWQRYFEGE KQTFGYGARL.		
Formulation	The AHA1 protein solution contains 20mM Tris-HCl buffer (pH 8.0) and 2mM EDTA.		

Introduction

AHA1 is a cochaperone that stimulates hsp90 ATPase activity. AHSA1 binds the middle domain of Hsp90 (amino acid 272-627) and functions as an ATPase-activating protein that competes with p23 and other co-chaperones for Hsp90 binding. AHA1 affects a step in the endoplasmic reticulum to golgi trafficking.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

AHA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (19-337) and having a molecular mass of 36.1 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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