



Product Datasheet

Product Name	Activator of HSP90 ATPase-1 Human Recombinant
Cata No	CB500763
Source	<i>Escherichia Coli.</i>
Synonyms	AHSA1, ACA1, p38, C14orf3, Activator of HSP90 ATPase-1.

Description

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.

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.

Physical Appearance

Sterile Filtered colorless solution

Purity

Greater than 95.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

Formulation

The AHA1 protein solution contains 20mM Tris (pH

8.0) and 2mM DTT.

Stability

ASHA1 although stable 4°C for 4 weeks, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Sequence

MATNVNWHW TERDASNWST DKLKTFLAV
QVQNEEGKCE VTEVSKLDGE ASINNRKGL
IFFYEWVSVKL NWTGTSKSGV QYKGVHVEIPN
LSDENSVDEV EISVSLAKDE
PDTNLVALMKEEGVKLLREA MGIYISTLKT
EFTQGMILPT MNGESVDPVG QPALKTEERK
AKPAPSKTQARVGVKIPTC KITLKETFLT
SPEELRVFT TQELVQAFTH APATLEADRG
GKFHMVDGNV SGEFTDLVPE KHIVMKWRFK
SWPEGHFATI TLTFIDKNGE TELCMEGRGI
PAPEEERTRQ
GWQRYYFEGI KQTFGYGARL.