

Product datasheet for **AR09004PU-N**

AHA1 / AHSA1 (19-337) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	AHA1 / AHSA1 (19-337) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MATNVNNWHW TERDASNWST DKLKTLFLAV QVQNEEGKCE VTEVSKLDGE ASINNRKGGKLIFFYEWSVKL NWTGTSKSGV QYKGHVEIPN LSDENSVDEV EISVSLAKDE PDTNLVALMK EEGVKLLREA MGIYISTLKT EFTQGMILPT MNGESVDPVG QPALKTEERK AKPAPSKTQA RPYGVKIPTC KITLKETFLT SPEELYRVFT TQELVQAFTH APATLEADRG GKFHMVDGNV SGEFTDLVPE KHIVMKWRFK SWPEGHFATI TLFIDKNGE TELCMEGRGI PAPEEERTRQ GWQRYFEGIKQTFGYGARL
Predicted MW:	36.1 kDa
Concentration:	lot specific
Purity:	>95% > / = 95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid Buffer System: 20 mM Tris pH 8.0 , 2 mM EDTA
Preparation:	Liquid
Protein Description:	Recombinant Aha1 was expressed in E. coli and purified by using conventional chromatography techniques.
Storage:	Store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001308370
Locus ID:	10598
UniProt ID:	O95433 , G3V438
Cytogenetics:	14q24.3
Synonyms:	AHA1; C14orf3; hAha1; p38



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Summary:

Acts as a co-chaperone of HSP90AA1 (PubMed:29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155). [UniProtKB/Swiss-Prot Function]

Product images: