

Product datasheet for TP301782

AHA1 (AHSA1) (NM_012111) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) (AHSA1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC201782 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAKWGEGDPRWIVEERADATNVNNWHWTERDASNWSTDKCLKTLFLAVQVQNEEGKCEVTEVSKLDGEASI
 NNRKGLIFFYEWVSVKLNWTGTSKSGVQYKGHVEIPNLSDENSVDVEIVSLAKDEPDTNLVALMKEEG
 VKLLREAMGIYISTLKTFTQGMILPTMNGESVDPVGPALKTEERKAKPAPSKTQARPVGVKIPTCKIT
 LKETFLTSPPELYRVFTTQELVQAFTHAPATLEADRGGKFHMVDGNVSGEFTDLVPEKHIVMKWRFKSWP
 EGHFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQRYFFEGIKQTFGYGARLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

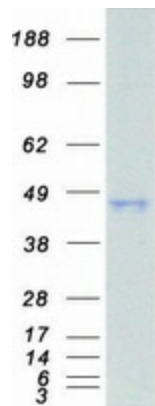
Tag:	C-Myc/DDK
Predicted MW:	38.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_036243
Locus ID:	10598



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UniProt ID:	O95433
RefSeq Size:	1429
Cytogenetics:	14q24.3
RefSeq ORF:	1014
Synonyms:	AHA1; C14orf3; hAha1; p38
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:



Coomassie blue staining of purified AHSA1 protein (Cat# TP301782). The protein was produced from HEK293T cells transfected with AHSA1 cDNA clone (Cat# [RC201782]) using MegaTran 2.0 (Cat# [TT210002]).