

Product datasheet for **TP505046**

Ahsa1 (NM_146036) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse AHA1, activator of heat shock protein ATPase 1 (Ahsa1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205046 protein sequence Red =Cloning site Green =Tags(s)

MAKWGEGDPRWIVEERADATNVNNWHWTERDASNWSTELKTLFLAVRVENEKCEVTEVNKLDGEASI
NNRKGKLIFFYEWTIKLNWTGTSKSGVQYKGHVEIPNLSDENSVDVEISVSLAKDEPDTNLVALMKEDG
VKLLREAVGIYISTLKTEFTQGMILPTVNGESVDPVGPALKTETCKAKSAPSKSQAKPVGVKIPTCKIT
LKETFLTSPEELYRVFTTQELVQAFTHAPAALEADRGKGFHMVDGNVTGEFTDLVPEKHIAMKWRFKSWP
EGHFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQRYFEGIKQTFGYGARLF

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
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 after receiving vials.
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_666148
Locus ID:	217737
UniProt ID:	Q8BK64



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RefSeq Size: 1330

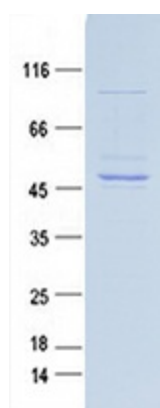
Cytogenetics: 12 D2

RefSeq ORF: 1017

Synonyms: BC023857; 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 (By similarity). 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:



Purified recombinant protein Ahsa1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.