

Recombinant Human HSP90AB1 Protein (Met1-Asp724), His tagged

Cat. No. HSP90AB1-3471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HSP90AB1 (Met1-Asp724) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp724
Description	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. Engages with a range of client protein classes via its interaction with various co-chaperone proteins or complexes, that act as adapters, simultaneously able to interact with the specific client and the central chaperone itself. Recruitment of ATP and co-chaperone followed by client protein forms a functional chaperone.
Molecular Mass	79.28 kDa
Purity	>90 % as determined by SDS-PAGE.

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	HSP90AB1 heat shock protein 90kDa alpha (cytosolic), class B member 1 [Homo sapiens (human)]
Official Symbol	HSP90AB1
Synonyms	HSP90AB1; heat shock protein 90kDa alpha (cytosolic), class B member 1; heat shock 90kD protein 1, beta, heat shock 90kDa protein 1, beta, HSPC2, HSPCB; heat shock protein HSP 90-beta; heat shock 84 kDa; heat shock protein beta; heat shock 90kD protein 1, beta; heat shock 90kDa protein 1, beta; 90-kda heat shock protein beta HSP90 beta; HSP84; HSPC2; HSPCB; D6S182; HSP90B; HSP90-BETA; FLJ26984;
Gene ID	3326
mRNA Refseq	NM_007355

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Protein Refseq	NP_031381
MIM	140572
UniProt ID	P08238

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