

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human HSP90AB1 (Met1-Asp724) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asp724
<b>Description</b>	<p>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.</p>
<b>Molecular Mass</b>	79.28 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	For research use only.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HSP90AB1 heat shock protein 90kDa alpha (cytosolic), class B member 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HSP90AB1
<b>Synonyms</b>	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;
<b>Gene ID</b>	3326
<b>mRNA Refseq</b>	NM_007355

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**Protein Refseq** NP\_031381

**MIM** 140572

**UniProt ID** P08238

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