

Recombinant Human HSP90AB1 protein

Cat. No. HSP90AB1-1562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HSP90 beta (amino acids 1-724) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-724 a.a.
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 cochaperones that modulate its substrate recognition, ATPase cycle and chaperone function.
Form	20 mM Tris-HCl, pH 7.5, 50 mM KCl, 1 mM DTT, 5 mM MgCl ₂
Molecular Mass	90 kDa
Storage	Stable for 2 years at -70 centigrade from date of shipment. Please aliquot to avoid repeated freezing and thawing.
Full Length	Full L.

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GENE INFORMATION

Gene Name HSP90AB1 heat shock protein 90kDa alpha (cytosolic), class B member 1 [Homo sapiens]

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

Protein Refseq NP_031381

MIM 140572

UniProt ID P08238

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