

Recombinant Human HSP90AB1

Cat. No. HSP90AB1-29404TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Hsp90 beta protein (Human) produced in Sf9 cells.
Species	Human
Description	HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al.
Form	Liquid
Storage buffer	Preservative: None Constituents: 5% Glycerol, 400mM Potassium chloride, 40mM HEPES/KOH, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the heat shock protein 90 family.
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;

Gene ID 3326

mRNA Refseq NM_007355

Protein Refseq NP_031381

MIM 140572

Uniprot ID P08238

Chromosome Location 6p12

Pathway Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Immune System, organism-specific biosystem;

Function ATP binding; CTP binding; GTP binding; TPR domain binding; UTP binding;

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