

Recombinant Human HSP90AB1 Protein, N-His-tagged

Cat. No. HSP90AB1-048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HSP90AB1 protein with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	803
Description	This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.
Form	Solution
Molecular Mass	94.4 kDa
AA Sequence	MRALWVLGLCCVLLTFGSVRADDEVDVDGTVEEDLGKSREGSRTDDEVVQREEEAI QLDGLNASQIRELREKSEKFAFQAEVNRMMKLIINSLYKNKEIFLRELISNASDALDKI RLISLTDENALSGNEELTVKIKCDKEKNLLHVTDTGVGMTREELVKNLGTIAKSGTSE FLNKMTEAQEDGQSTSELIGQFGVGFYSAFLVADKVIVTSKHNNDTQHIWESDSNEF SVIADPRGNTLGRGTTITLVLKEEASDYLELDTIKNLVKKYSQFINFPIYVWSSKTETV EEMPMEEEAAKEEKEESDDEAAVEEEEEEEKPKTKKVEKTVWDWELMNDIKPIWQR

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PSKEVEEDEYKAFYKSFSKESDDPMAYIHFTAEGEVTFKSILFVPTSAPRGLFDEYGS
 KKSDYIKLYVRRVFITDDFHDMMPKYLNFBVKGVDSDDLPLNVSRETQQHKLLKVIR
 KKLVRKTLDMIKKIADDDKYNDTFWKEFGTNIKLGVIEDHSNRTRLAKLLRFQSSHPT
 DITSLDQYVERMKEKQDKIYFMAGSSRKEAESSPFVERLLKKGYEVIYLTPEVDEYCI
 QALPEFDGKRFQNVAKGKVFDESEKTKESREAVEKEFEPLLNMKDKALKDKIEK
 AVVSQRLTESPCALVASQYGSWGNMERIMKAQAYQTGKDISTNYYASQKKTFEINP
 RHPLIRDMLRRIKEDEDDKTVLDLAVVLFETATLRSGYLLPDTKAYGDRIERMLRLSL
 NIDPDAKVEEEPEEEPEETAEDTTEDTEQDEDEEMDVGTDDEEEETAKESTA EKDEL

Purity > 90%

Applications WB

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage 4°C

Concentration 1 mg/mL

Storage Buffer Tris-HCl (pH 8). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

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	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
Protein Refseq	NP_031381
MIM	140572
UniProt ID	P08238