

# Recombinant Full Length Human HSP90AB1 Protein, C-Flag-tagged

**Cat. No.** HSP90AB1-681HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human HSP90AB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	83.1 kDa
<b>AA Sequence</b>	MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNASDALDKIRYESLT DPSKLD SGKE LKIDIIPNPQERTLTLVDTGIGMTKADLNNLGTIAKSGTKAFMEALQA GADISMIGQFGVGFYSAYLVA EKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPI GRGTKVILHLKEDQTEYLEERRVKEVVKKHSQFIG YPITLYLEKEREKEISDDEAE KGEKEEEDKDDEEKPKIEDVGSDEEDDSGKDKKKKTKKIKEKYIDQE ELNKTPIWT RNPDDITQEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPRRAPFDLFENK

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

KKK NNIKLYVRRVFIMDSCDELIPEYLNFIKRVVDSDELPLNISREMLQQSKILKVIRK  
 NIVKKCLELFSCLA EDKENYKFFYEAFSKNLKLGIEDSTNRRRLSELLRYHTSQSG  
 DEMTSLSEYVSRMKETQKSIYYITGES KEQVANSFAFVERVRKRGFEVVYMTPEIDEY  
 CVQQQLKEFDGKSLVSVTKEGLELPEDEEEKKKMEESKAKF ENLCKLMKEILDKKVE  
 KVTISNRLVSSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMMAKKHLEINP DH  
 PIVETLRQKAEADKNDKAVKDLVLLFETALLSSGFSLEDPQTHSNRIYRMIKLGLGID  
 EDEVAEEEP  
 NAAVPDEIPPLEGDEEDASRMEEVDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Stem cell - Pluripotency
<b>Protein Pathways</b>	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer
<b>Full Length</b>	Full L.

## GENE INFORMATION

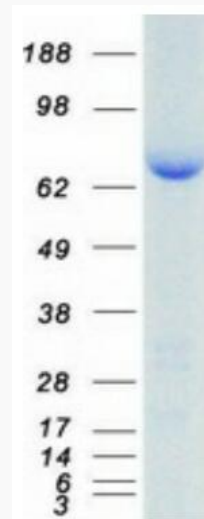
**Gene Name** [HSP90AB1 heat shock protein 90 alpha family class B member 1 \[ Homo sapiens](#)

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	(human) ]
<b>Official Symbol</b>	HSP90AB1
<b>Synonyms</b>	HSP84; HSPC2; HSPCB; D6S182; HSP90B
<b>Gene ID</b>	3326
<b>mRNA Refseq</b>	NM_007355.4
<b>Protein Refseq</b>	NP_031381.2
<b>MIM</b>	140572
<b>UniProt ID</b>	P08238



Coomassie blue staining of purified HSP90AB1 protein.

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