

## Recombinant Human HSP90AB1, GST-tagged

**Cat. No.** HSP90AB1-13979H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HSP90AB1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	326-710a.a.
<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>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	HSP90AB1 heat shock protein 90kDa alpha (cytosolic), class B member 1 [ Homo
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	<a href="#">sapiens ]</a>
<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>	<a href="#">3326</a>
<b>mRNA Refseq</b>	<a href="#">NM_007355</a>
<b>Protein Refseq</b>	<a href="#">NP_031381</a>
<b>MIM</b>	<a href="#">140572</a>
<b>UniProt ID</b>	<a href="#">P08238</a>
<b>Chromosome Location</b>	6p12
<b>Pathway</b>	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; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem;
<b>Function</b>	ATP binding; TPR domain binding; nitric-oxide synthase regulator activity; nucleotide

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binding; protein binding; protein serine/threonine kinase activity; unfolded protein binding;

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