

## Product datasheet

# Recombinant Human Hsp90 beta protein ab80353

[2 References](#) [1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human Hsp90 beta protein
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Tags</b>	His tag C-Terminus

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab80353** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.0462% DTT, 0.395% Tris HCl, 0.05% Tween, 20% Glycerol, 0.58% Sodium chloride
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### General Info

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<b>Function</b>	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 co-chaperones that modulate its substrate recognition, ATPase cycle
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and chaperone function.

**Sequence similarities**

Belongs to the heat shock protein 90 family.

**Domain**

The TPR repeat-binding motif mediates interaction with TPR repeat-containing proteins.

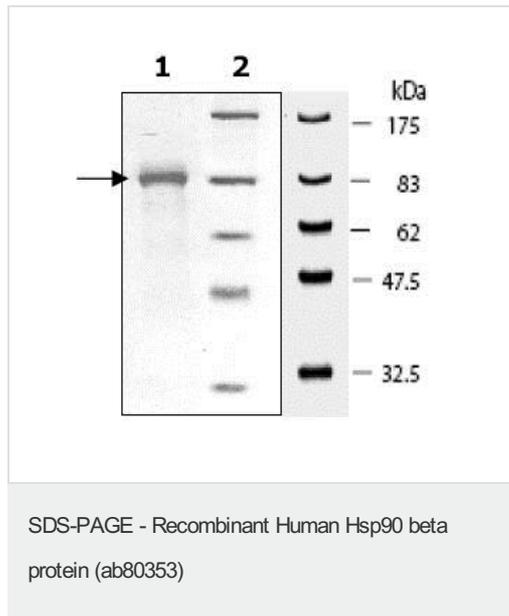
**Post-translational modifications**

Ubiquitinated in the presence of STUB1-UBE2D1 complex (in vitro).  
ISGylated.  
S-nitrosylated; negatively regulates the ATPase activity.

**Cellular localization**

Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

**Images**



Lane 1: ab80353 on 10% SDS-PAGE, Coomassie staining, 3µg.

Lane 2: Protein marker.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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