

## Product datasheet

# Recombinant Human Hsp90 alpha protein (His tag) ab48801

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

### Description

<b>Product name</b>	Recombinant Human Hsp90 alpha protein (His tag)
<b>Purity</b>	> 90 % SDS-PAGE. Purified to apparent homogeneity by using conventional column chromatography techniques
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P07900</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre> MGSSHHHHHH SSGLVPRGSH MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTL VDTGIGMTK ADLNNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV ITKHNDDEQY AWESSAGGSF TVRTDTGEPM GRGTVKVLHL KEDQTEYLEE RRIKENKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEKEKEEEK ESEDKPEIED VGSDEEEEEK DGDKKKKKKI KEKYDQEEL NKTKPWTRN PDDITNEEYG EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFPVRRAPFD LFENRKKKNN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR EMLQQSKILK VIRKNLVKKC LELFTELAED KENYKKFYEQ FSKNIKGIH EDSQNRKKLS ELLRYYTSAS GDEMVS LKDY CTRMKENQKH IYITGETKD QVANS AFVER LRKHGLEVIY MIEPIDEYCV QQLKEFEGKT LVSVTKEGLE LPEDEEEKKK QEEKKTKFEN LCKIMKDILE KKVEKVVVSN RLVTSPPCCV TSTYGWTANM ERIMKAQALR DNSTMGYMAA KKHLEINPDH SIETLRQKA EADKNDKSVK DLVILLYETA LLSSGFSLEDPQTHANRMYR MIKLG LGIDE DDPTADDTSA AVTEEMPPLE GDDDTSRMEE VD </pre>
<b>Predicted molecular weight</b>	87 kDa

<b>Amino acids</b>	1 to 732
<b>Tags</b>	His tag N-Terminus

## Specifications

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Our **Abpromise guarantee** covers the use of **ab48801** in the following tested applications.

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

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.40

Constituents: 90% PBS, 10% Glycerol (glycerin, glycerine)

## General Info

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**Function** Molecular chaperone. Has ATPase activity.

**Sequence similarities** Belongs to the heat shock protein 90 family.

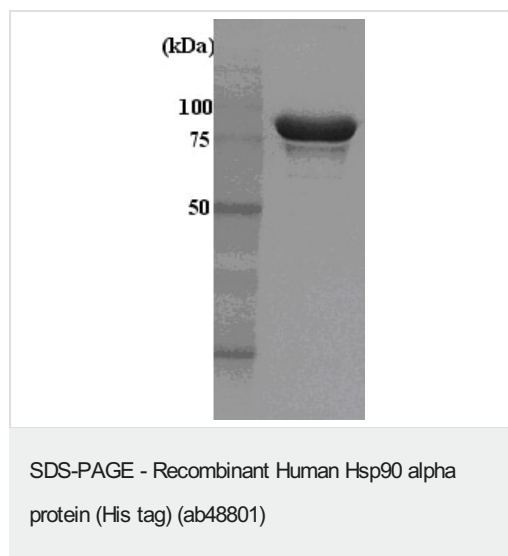
**Post-translational modifications** ISGylated.

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

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## Images

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ab48801 run on a 10% SDS-PAGE gel (Lane 2) with molecular weight markers (Lane 1).

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

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