

Product datasheet

Recombinant human Hsp90 alpha protein (Carboxyterminal end) ab196407

[3 Images](#)

Description

Product name	Recombinant human Hsp90 alpha protein (Carboxyterminal end)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P07900	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre>MHHHHHHGGGLNDIFEAQKIEWHEEFEGKTLVSVTKEGLE LPEDEEEKKK QEEKKTKFENLCKIMKDILEKKVEKVVVSNRLVTSPCCVT STYGWTANM ERIMKAQALRDNSTMGYMAAKKHLEINPDHSIETLRQKAE ADKNDKSVK DLVILLYETALLSSGFSLEDPQTHANRIYRMIKLGIGIDEDD PTADDTSA AVTEEMPPLEGDDDTSRMEEVD</pre>	
Predicted molecular weight	25 kDa including tags	
Amino acids	535 to 732	
Tags	His tag N-Terminus , proprietary tag N-Terminus	
Additional sequence information	NM_005348. Expressed in an E. coli expression system and enzymatically Biotin-labeled using Avi-tag™ technology.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab196407** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.64% Tris HCl, 0.64% Sodium chloride, 0.017% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Molecular chaperone. Has ATPase activity.

Sequence similarities

Belongs to the heat shock protein 90 family.

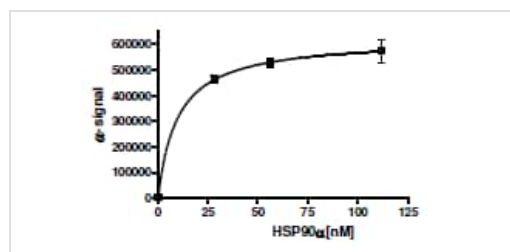
Post-translational modifications

ISGylated.

Cellular localization

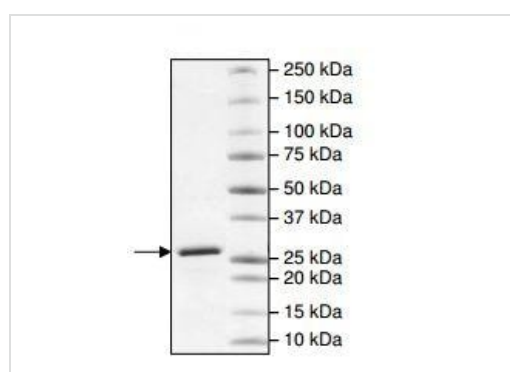
Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



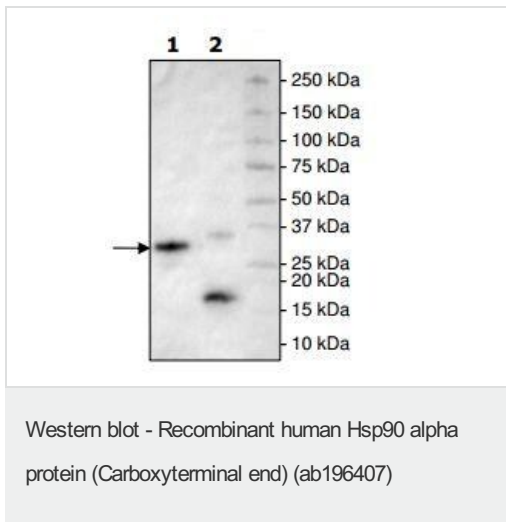
Hsp90 alpha protein (Carboxyterminal end):PPID binding activity measured using Hsp90 alpha protein (Carboxyterminal end) a Inhibitor Screening Assay Kit,

Functional Studies - Recombinant human Hsp90 alpha protein (Carboxyterminal end) (ab196407)



4-20% SDS-PAGE analysis of ab196407 at 2 μ g stained with Coomassie Blue.

SDS-PAGE - Recombinant human Hsp90 alpha protein (Carboxyterminal end) (ab196407)



All lanes : Streptavidin-HRP Western blot

Lane 1 : ab196407

Lane 2 : Biotinylated control

Lysates/proteins at 0.25 µg per lane.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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