

# Recombinant Heat Shock Protein 90kDa Alpha B (HSP90αB)

Catalog No.: TP09421      100μg

## Sequence Information

**Species:** Human

**Gene ID:**3326

**Swiss Prot:**P08238

**Synonyms:**HSP90-BETA; HSP90B; HSPC2;  
HSPCB; HSP84; Heat Shock 90kD  
Protein 1,Beta; Heat shock 84 kDa

**Residues:**Met1~Asp724

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNASDALDKI  
RYESLTDP SKLD SGKELKIDII PNPQERTLTVDTGIGMTKADLINNLGTIAKS  
GTKAFMEALQAGADISMIGQFGVGFY SAYLVAEKVVVITKHNDDEQYAWESSAG  
GSFTVRADHGEPIGRGTKVILHLKEDQTEYLEERRVKEVVKHSQFIGYPITLY  
LEKEREKEISDDEAEEEGKEEEDKDDEEKPKIEDVGSDEEDDSGKD KKKTK  
KIKEKYIDQEELNKT KPIWTRNPDDITQEEYGEFYKSLTNDWEDHLAVKHFSVE  
GQLEFRALLFIPRRAPFDLFENKKKKNIKLYVRRVFIMDSDELIP EYLNFIR  
GVVDSEDLPLNISREMLQQSKILK VIRKNIVKKCLELFSEL AEDKENYKKFYEA  
FSKNLKLGIHEDSTNRRRLSELLRYHTSQSGDEM TS LSEY VSRM KETQKSIYYI  
TGESKEQVANS AFVERVRKRGFEV VYMEPI DYE CVQQLKEFDGKSLV SVTKEG  
LELPEDEEEKKMEE SKAKFENLCKLMKEILD KKVEKVTISNRLVSSPCCIVTS  
TYGWTANMERIMKAQALRDNSTMGYMMAKKHL EINPDHPIVETLRQKAEADKND  
KAVKDLVLLFET ALLSSGFSLED PQTHSNRIYRM IKLGLGIDEDEVAAE EPNA  
AVPDEIPPLEGDEDASR MEEVD

## Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Cytoplasm.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200μg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 5.1

**Predicted Molecular Mass:** 80.9kDa

**Accurate Molecular Mass:** 81kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

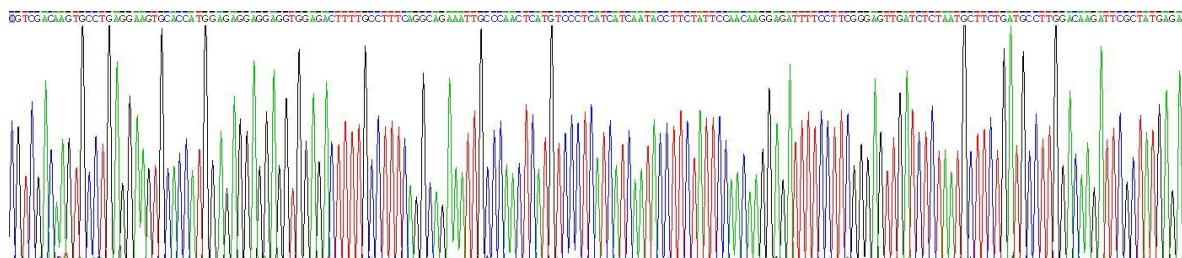


Figure 1. Gene Sequencing (Extract)

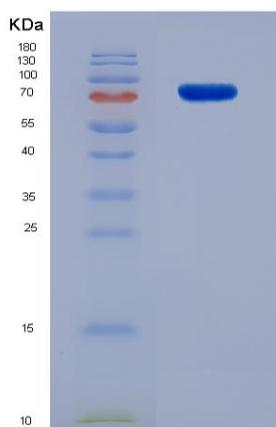


Figure 2. SDS-PAGE



## **[ IMPORTANT NOTE ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.