

## General Information

### Gene Name Synonym

Heat shock protein 90kDa alpha (Cytosolic), class A member 1, isoform CRA\_a

### Protein Construction

A DNA sequence encoding the human HSP90 isoform 2 (NP\_005339.3) C-terminal segment, corresponding to amino acid sequence (Glu 535-Asp 732) was expressed and purified, with two additional aa (Gly & Pro) at the N terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gly

### Molecular Mass

The recombinant human HSP90 (aa 535-732) consisting of 200 amino acids and has a calculated molecular mass of 22.6 kDa. It migrates as an 24 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

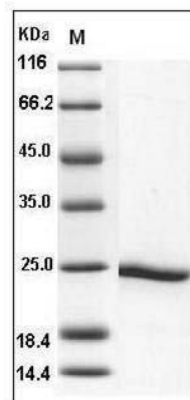
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human HSP90AA1 / HSP90 Protein SDS-PAGE